Quest - Student Information System

User Manual

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Preface

What's new in Quest?

The design of the Quest user interface (UI) outlined in this manual is intended to improve upon that of its predecessor by increasing ease of use and making organization of services more intuitive. Besides the design changes to the UI, services have been added to Quest in order to better the system as a whole.

User has more control over the look and feel of Quest UI, with the newly added customizable UI settings; now user can customize theme, fonts and colours. Four new services have been added to those that were already available: "Accept Admissions Offer", "Apply for Financial Aid", "Request Official Transcript", and "Diploma Requirements". The names of the services effectively describe the functionality that they offer to students. For more details on how each of these services are used view Section 3.

The following table lists some of the updates that have been made to Quest with the new design along with the overall benefits of the update.

Table 1. Quest new features

Update to Quest	Benefit of Update
Quest services separated into tabs	User can jump from one service to a completely different one relatively quickly and easily.
Hierarchical links at top left corner of the screen.	Navigation over a hierarchy of pages is simpler.
Log in page appears immediately upon entering Quest.	User does not have to search for the link to log into Quest.
"Accept Admissions Offer" service added	Applicants can accept an offer of admissions in Quest.
"Apply For Financial Aid" service added	User can apply for financial aid in Quest
"Request Official Transcript" service added	User can arrange for an official transcript to be sent to some specified address through Quest.
"Diploma Requirements" service added	User can view the diploma requirements for its program, both fulfilled and unfulfilled. This is helpful for choosing courses for enrollment.
JobMine and myHR available within Quest	User can now access all university related services from one centralized location.
Customizable themes, fonts, and colours	User has some control over what Quest looks like making it more pleasant to use.
Elimination of any special codes used in the Quest UI	User does not have to memorize codes for certain entities in Quest in order to refer to them.
Event reminders in **Home** tab.	Decreases the chance that user will forget about certain upcoming deadlines and events
Notifications e-mail added to Quest functionality.	Users can handle status changes to their Quest account in a more timely manner.
Updated help section with search capability	Users can find help on Quest topics more easily.

Chapter 1: Introduction

1.1: The Quest System

Quest is a self-service application that provides a single point of access to a collection of services offered by the University of Waterloo (UW) [QUEST, 08]. Essentially, Quest is an online portal to services that will otherwise only be available offline through offices of UW. The Quest system is intended to serve all types of user in the UW community: students, alumni, faculty, and staff. The types of services available to each user relates to the type of user it is.

Quest is designed largely for use as a Student Information System (SIS) [WIKIPEDIA, 08a] as well as a Human Resource Management System (HRMS) [WIKIPEDIA, 08b]. On the SIS side, Quest maintains information about students from date of birth to course schedule. It also provides the facilities for students to view and update their information. As a HRMS, Quest offers access to all the basic HR related services to employees of UW. Through Quest users can view or update payroll information, amount of time worked, benefits, and other employment-related details.

The Quest system gives the typical user the ability to quickly and easily access and modify its UW related information in one centralized system. A major benefit of Quest is that communication between members and administrative offices of the UW community is made simpler and more efficient.

1.2: Audience

This manual describes the uses of the Quest system that are available to a student user. Therefore, this manual deals exclusively with Quest system functionality that is visible to student users.

1.3: Quest Student Services

Most of the services available to students through Quest can be divided into four main categories: admissions, academics, finances, and profile. The profile category deals with the viewing and updating of students' personal information that is currently on record at UW. With the profile services in Quest, students can change personal information including telephone number and mailing address. Similarly, the finances category deals with all the financial information related to students, namely fees accrued and financial aid. Finance services allow

students to view paid and owing fees, as well as arrange fee payments. Services pertaining to financial aid, such as applying for financial aid and viewing financial aid application details, are also included in the finance category.

Academic services are those in Quest that are most heavily used by the students of UW. They provide students with all the tools necessary to manage and assess their academic careers in order to effectively plan for the future. Enrollment is a major part of academic services; students have the ability to create and modify course enrollments for present and future terms. Tools to help students enroll effectively, such as course catalogs and schedules, are also part of the academic services available. Another important part of Quest academic services is academic record. Academic record services allow a student to view his academic profile, including past courses taken, transcripts and reports applicable.

Finally, the Admissions services are intended for use by prospective students, who are in the process of applying to be a student at the University of Waterloo. All the necessary utilities needed for an applicant are available within this set of services.

1.4: Current Quest System

The current Quest system is a Web-based application that can be logged onto from any computer with Internet access. The user interface (UI) for the current Quest consists of Web pages viewable through a browser client. The following figure depicts the Home screen for student users of Quest.

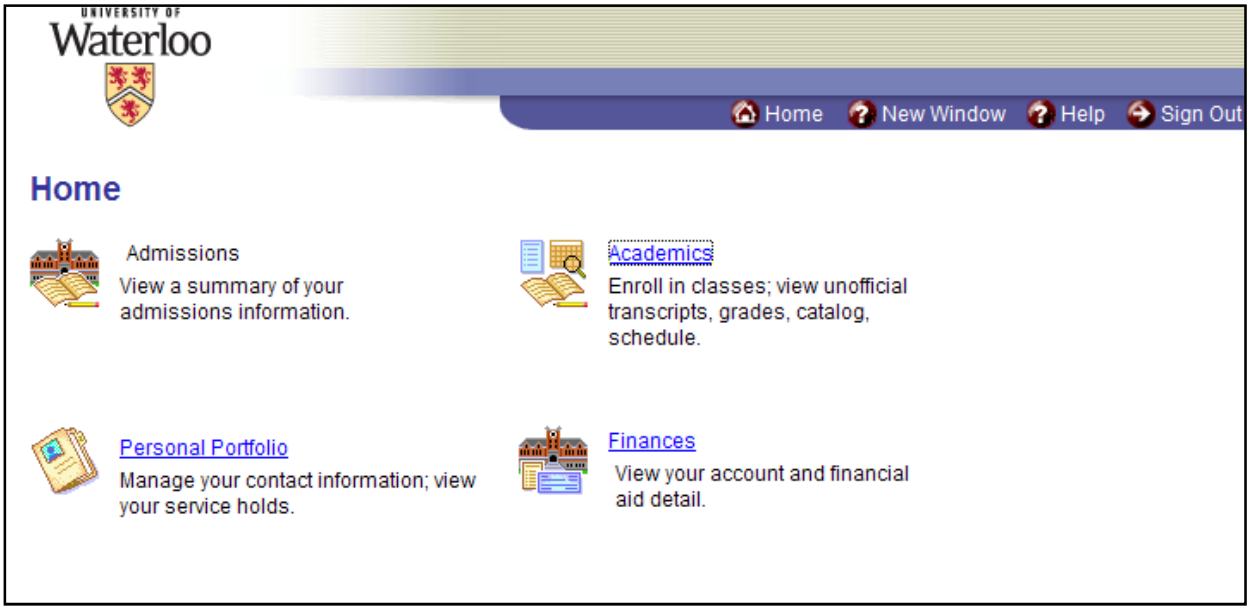

Figure 1.1: Current Quest Student Welcome Screen

The screen can be split up into two parts: the banner pane and the content pane. The content pane is where all the content and services of Quest are displayed. The banner pane appears at the top of every screen in Quest and provides links that are meant help to navigate through Quest. The Home link returns the user to the welcome screen. The New Window link opens a new browser window, which displays the welcome screen, and allows users to have multiple Quest windows open simultaneously within the same user session. The Help link opens a user assistance manual in a separate browser window. Lastly, the Sign Out allows the user to log out of Quest and end its session.

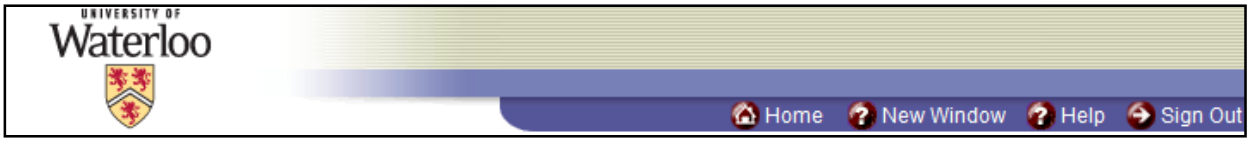

Figure 1.2: Quest Banner Pane

The content pane of the Quest student welcome screen shows four icons reflecting the four main student service categories described in Section 1.3. Each icon has a link beside it that allows users to navigate to the content of the specific service category. Figure 1.3 shows the Finances screen; services available in finances are displayed as hyperlinks the user will click to access. The Return to Home link at the bottom right corner returns the user to the welcome screen.

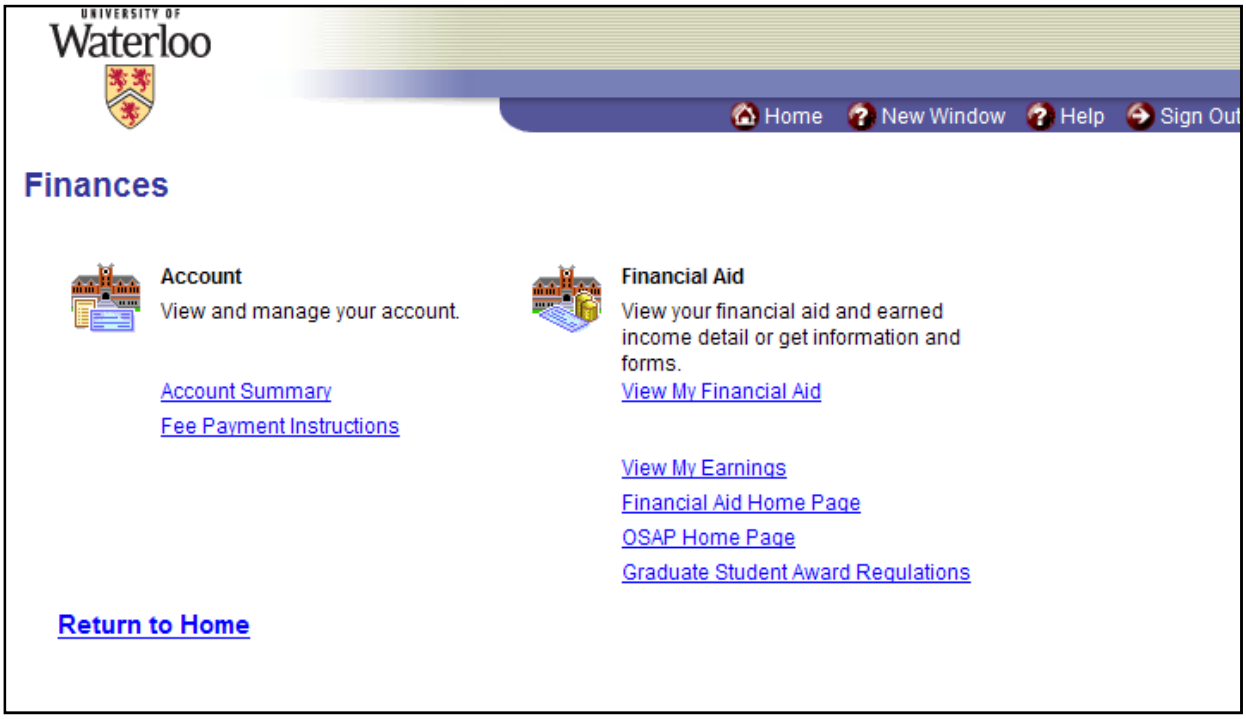

Figure 1.3: Current Quest Finances Screen

Depending on the context of the page that a user is currently viewing, the Return X link directs the user to somewhere other than the welcome screen i.e. to the X screen. The screens for the other main service categories, i.e. Academics, Admissions, Profile use the same format as the Finances screen.

1.5: Proposed Quest System

The UI for Quest proposed in this manual takes an approach different from that of the current UI. Most of the navigation in Quest in centered on a system of tabs. Figure 1.4 shows all the tabs available to a student user of Quest. **Home** is the currently active tab pictured in Figure 1.4, meaning the user is currently viewing content related to **Home**.

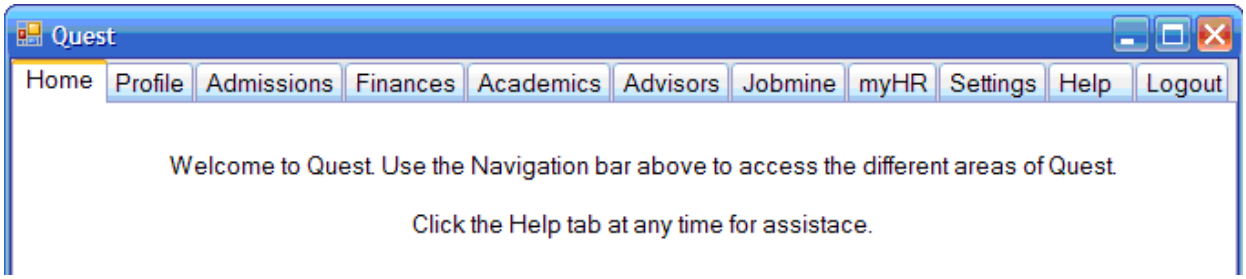

Figure 1.4: Tabs in Quest

Tabs categorize services similar to how the icons on the welcome screen of the current Quest UI do. **Profile**, **Admissions**, **Finances**, **Academics**, and **Advisors** each have their own tab; to access services relating to a specific category open the desired tab. The **Advisors** tab lists services pertaining to student advisor and was available through the Academics screen in the previous UI. **Help** and **Logout** are accessible through tabs in this UI as well as other functionality not included in the main uses of Quest.

Navigational links are provided at the top left corner of the active tab's content pane as seen in Figure 1.5. This makes moving through a tab's hierarchy of content simpler.

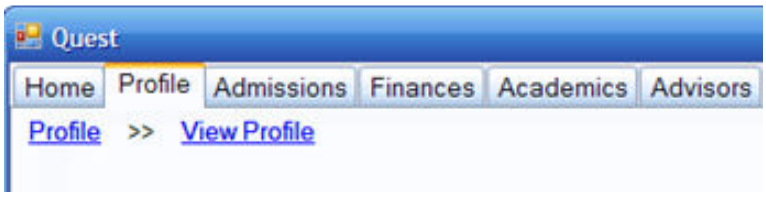

Figure 1.5: Quest navigational Links

The following use case diagram depicts the requirements of the proposed Quest system.

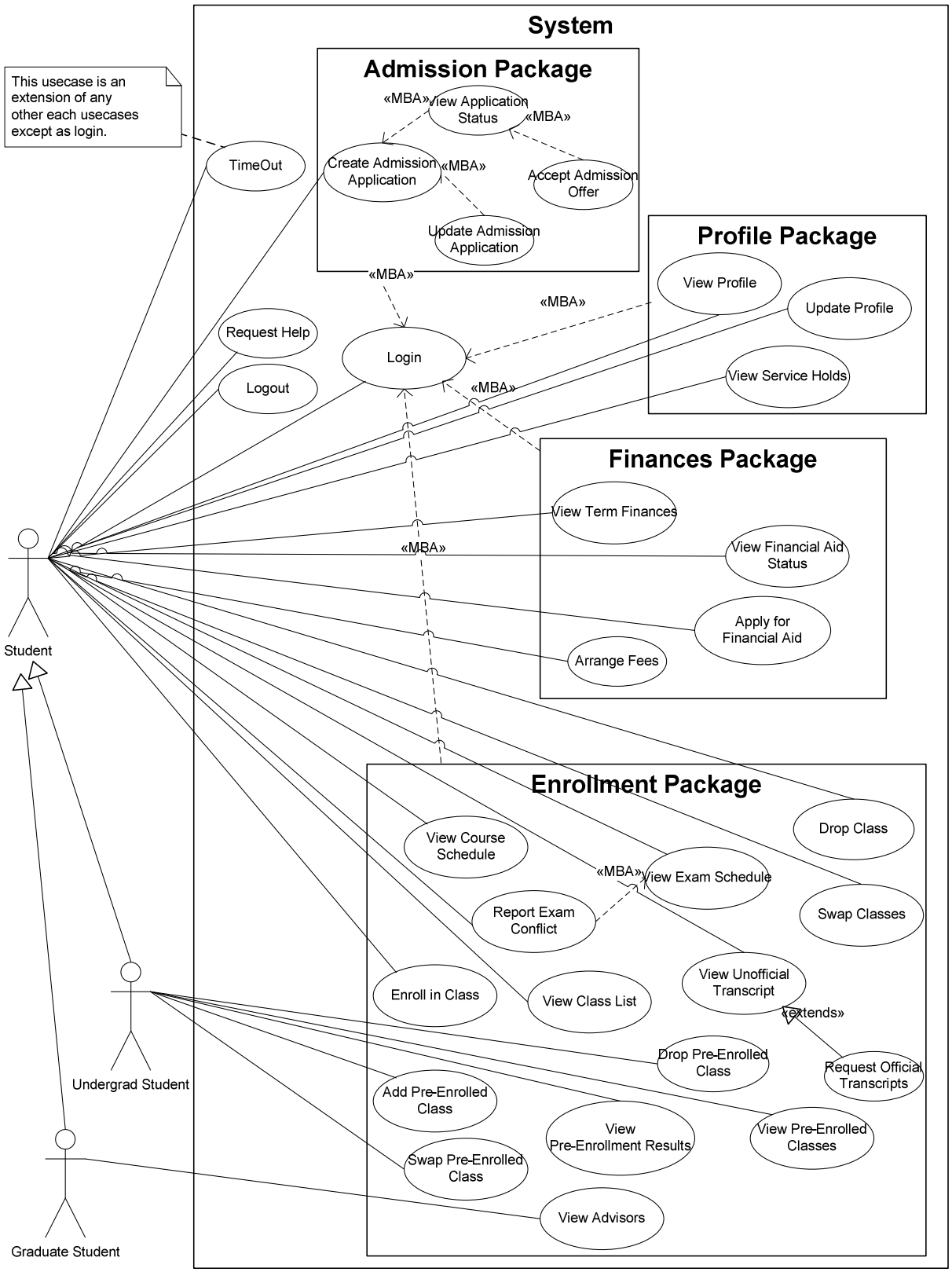

Figure 1.6: Use case Diagram

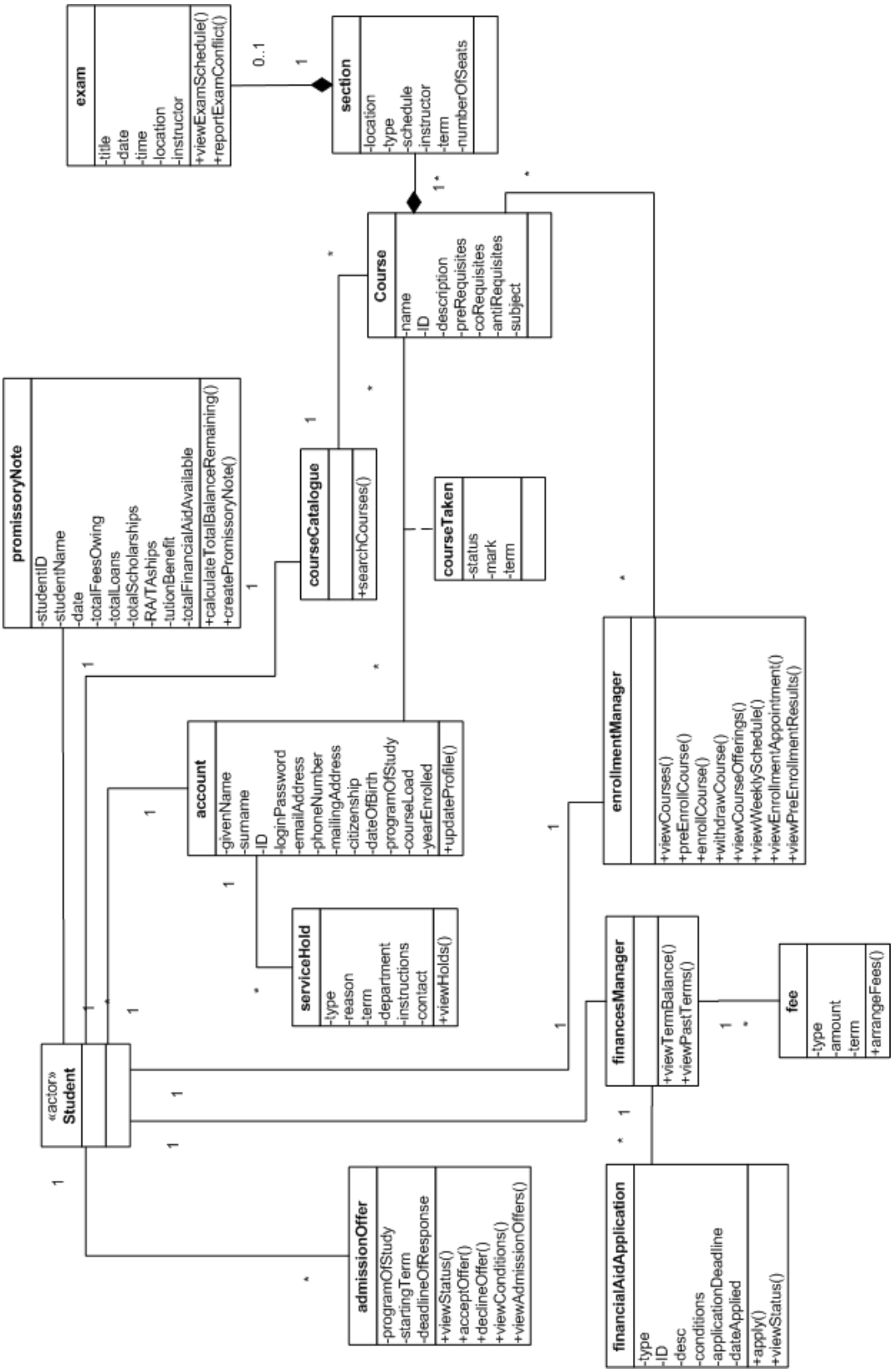

Figure 1.7: Quest Domain Model

1.6: System Requirements

Quest is designed to support the widest variety of client-side operating systems and client-side browsers. The following browsers are formally supported and tested:

- With PCs running Windows OS: Internet Explorer, Firefox, Chrome
- With Macs running OS X: Safari, Firefox

The web browser must also be configured to accept cookies. Quest is best viewed in a screen resolution of 1024 x 768.

1.7: About this manual

The remainder of this manual is split into two main chapters: use cases and advanced features. The use cases section takes an in-depth look at each of services Quest provides for students. Each use case looks at a specific function and or service and provides detailed instruction pertaining to how students can use Quest to accomplish their tasks. Lastly, the advanced features sections covers customization and settings available in Quest as well as any other functionality peripheral to the main uses of the system.

Chapter 2: Conventions

2.1 Notational Conventions

The following text conventions are used in the manual:

- Times New Roman is used for normal text
- *Times New Roman Italics* is used for emphasis and new terms in normal text
- **Times New Bold** is used for section names
- Verdana is used for links and buttons
- Arial is used for screens
- *Arial Italics* is used for input fields
- **Arial Bold** is used for tabs

2.2: Glossary

Current Quest glossary [QUEST, 08] was consulted for the creation of this glossary. The following terms are used throughout the manual:

Term	Description
Quest	The name of the system
JobMine	An external system maintaining Co-op Students job postings.
myHR	An external system maintaining paycheque information.
User	The person who uses the system.
Class Enrollment	Students are asked to enroll for next semester at the 5th week of each term and pre-enroll for future terms if students are planning on taking courses during following term. The process of selecting and enrolling in courses for a particular term via Quest prior to final date for fee arrangement, having them approved, and recorded with the Registrar's Office. Some programs or plans require mandatory core courses to be entered by the Registrar's Office. Deadlines apply.
Drop	Drops the course from the user's schedule. If the user drops a course after lectures have begun, consequences will apply. Each term there are

	deadlines after which the user will not drop courses from his schedule without penalties.
Pre-enrolment	Students will pre-enroll in courses using a list that is created from the UW Pre-Enrollment Course Build page. Department representatives will have access to build the list of courses. All students, faculty and staff will be able to view the list of courses. The process of making course requests for future terms using Quest. Faculties will make teaching plans using this course demand data.
Section	The number that identifies a particular section of a course component.
Service Hold	A Hold is a notice that will affect the user's use of Quest, or his interaction with the University. For instance, if the user owe fees or other goods, or have committed an academic offence, he will find a Hold placed on his account. Holds will prevent the user from receiving transcripts, or enrolling himself using Quest.
Student ID	A unique number assigned to every student when they apply to the University.
Unofficial Transcript	A record of the user's courses, grades earned, units obtained towards his degree, and more. Unofficial transcripts are for viewing purposes only and can be obtained through UW's online student information system: Quest. If graduate schools or employers require the user's transcript, they usually need an official transcript.
Waitlist	For handling enrolment requests for high demand courses when course/sections become full or when the spaces allocated for those not meet the specific requirement, waiting list is provided to student and it will be processed though Quest system.

2.3: Abbreviations

FAQ	Frequently Asked Questions
HRMS	Human Resource Management System
SIS	Student Information System
UI	User Interface

UW University of Waterloo

2.4: Getting Started

This subsection is for the benefit of new Quest system users. As such, it tries to be short and simple. Much more information is available through the next two sections.

2.4.1: How to Retrieve/Reset Password

The user will need to do this when:

- User forgot his password
- User fails to attempt to login more than 5 times
- User wants to change his password

When the user fails to login more than 5 times the user's account will be deactivated temporarily and system will send a reactivate link to the user's e-mail box.

To retrieve a new password:

1. Go to the main page of Quest
2. Click on the Retrieve Password

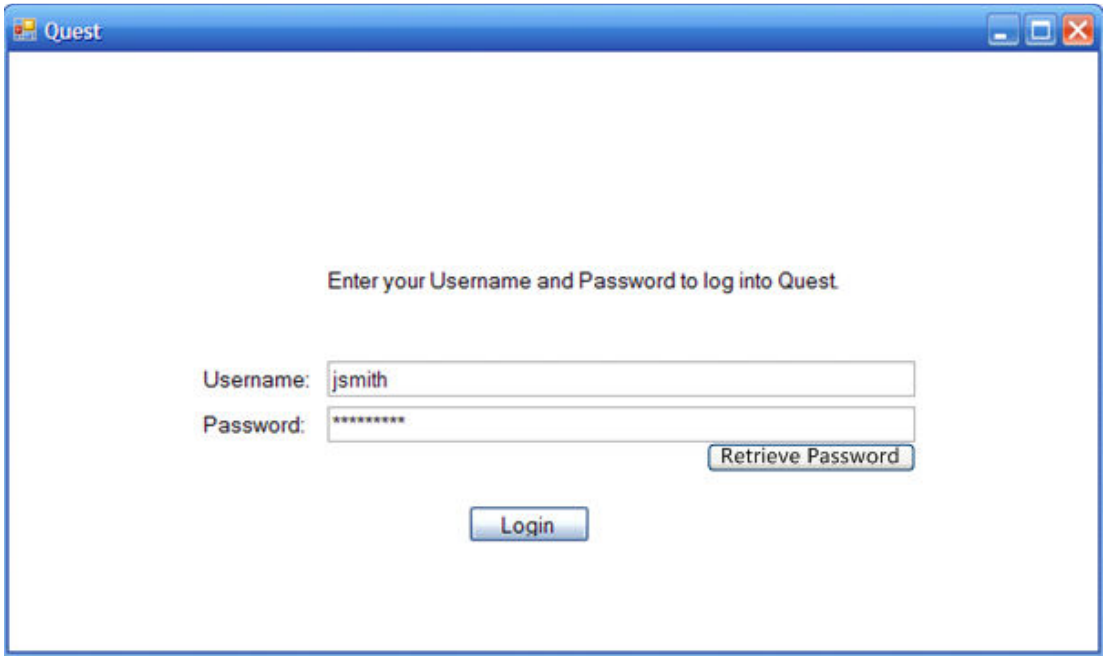

Figure 2.1: Quest Login Screen

3. The Quest online password reset and account reactivation form is displayed and simple instructions are provided as to how to fill out the form.
4. Upon submission of the form, a password reset/account reactivation link is sent to an e-mail address specified in the form.
5. Alternatively, approach the Quest help desk for account reactivation.

2.4.2: How to Enroll/Pre-enroll

Students of UW can begin to enroll for the upcoming term at the 5th week of the current term and pre-enroll for future terms. Those wishing to take courses in future terms can pre-enroll in order to better the chances of getting into a course. Pre-enrollment deadlines can also be found in Quest. Pre-enrollment allows UW to plan section sizes, minimize conflicts between courses, and get students registered in the courses they want.

To enroll for following semester or pre-enroll for a future semester the user will:

1. Log into Quest and click the **Academics** tab. As a new feature, there will be an event reminder with quick link, i.e. Enroll for Winter 2009 at the first day of enrollment appointment.
2. On the right half of the page will be a listing of terms. The user will select the term for which he wishes to enroll or pre-enroll.
3. Click either the Add Course or Add Future Course link. If neither link is present then it is not possible to enroll or pre-enroll for the selected term.
4. Search for the desired course on the Course Offerings screen by selecting criteria and clicking the Search Button.
5. Click either the Enroll, Pre-Enroll or Add to Waiting List link, which is beside the desired course.

2.4.3: How to Order Official Transcript

Unlike the transcript order methods provided before, i.e. order by mail, order by fax, order in person, Quest online order of transcript is more efficient and convenient. The transcript will be available 5 days after successful ordering process. It will also be sent to the demander specified mailing address directly.

To order an official transcript the user will:

1. Select the **Academics** tab.
2. Select Request Official Transcripts.
3. Specify the number of transcripts needed and the mailing address for each one ordered.
4. On the new page fill in the form and choose Sign and Submit.

Chapter 3: Use Cases

Each use case is a sequence of actions taken by the user to perform one of the many functions Quest offers. Each use case can only be performed while the system is running and the user has already logged in with valid account credentials. Most use cases can be performed in multiple ways which are referred to as scenarios, however only cases resulting in erroneous actions referred to as exceptions and widely different operations resulting in the same general outcome referred to as alternatives will be presented along with the most general and simplified scenario to each use case.

3.1: Logging In

Logging in is the first function of Quest the user will be presented with and the only use case that can be performed while the user is not already logged in. However, the system must be running in order for the user to be able to log in.

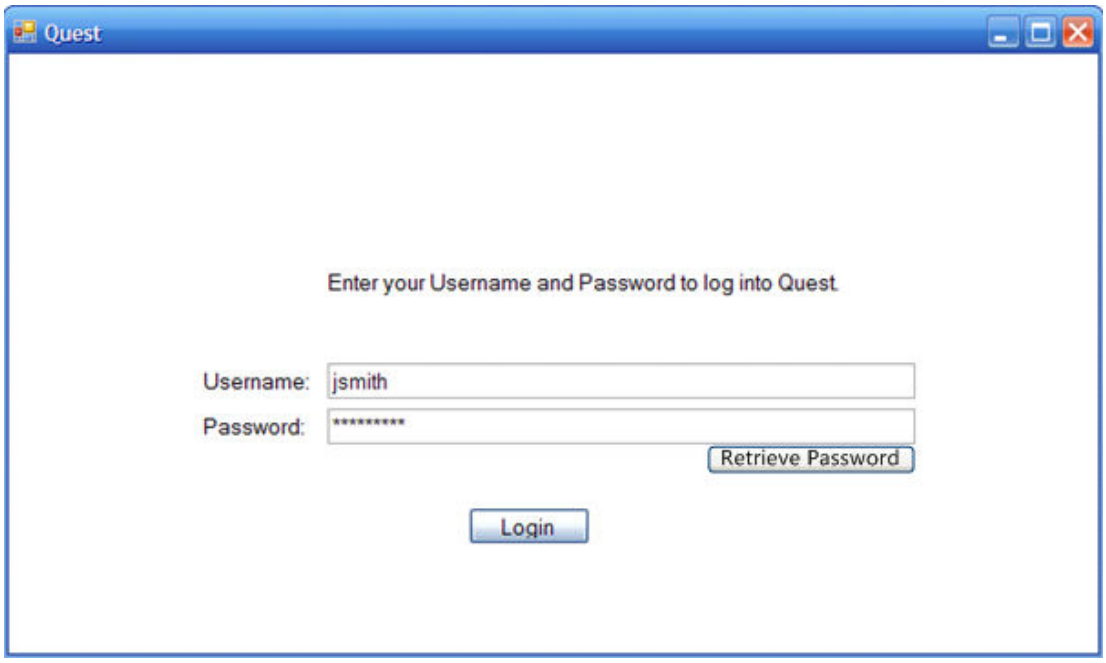

Figure 3.1: Login screen

Upon successful login, the user will be presented with the Quest Home screen. The user can select tabs in the main navigation bar at the top to access the different areas and functions of Quest. Any important reminders or alerts will be displayed in the Welcome screen.

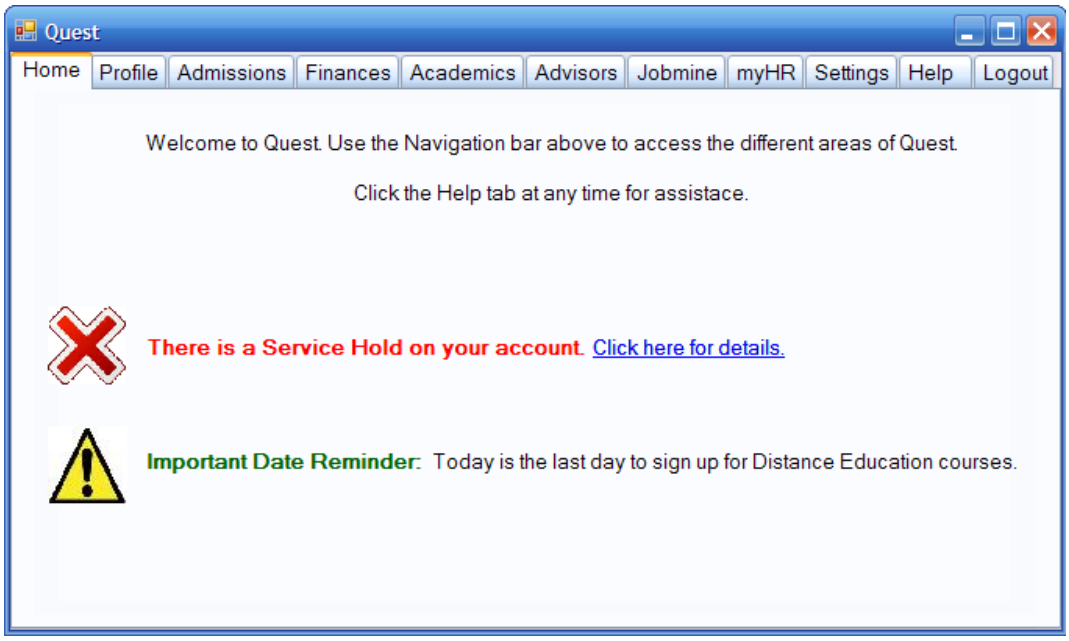

Figure 3.2: Welcome screen

If the user has attempted to login with invalid credentials, then the user will be informed by an error message and re-presented with the Login screen.

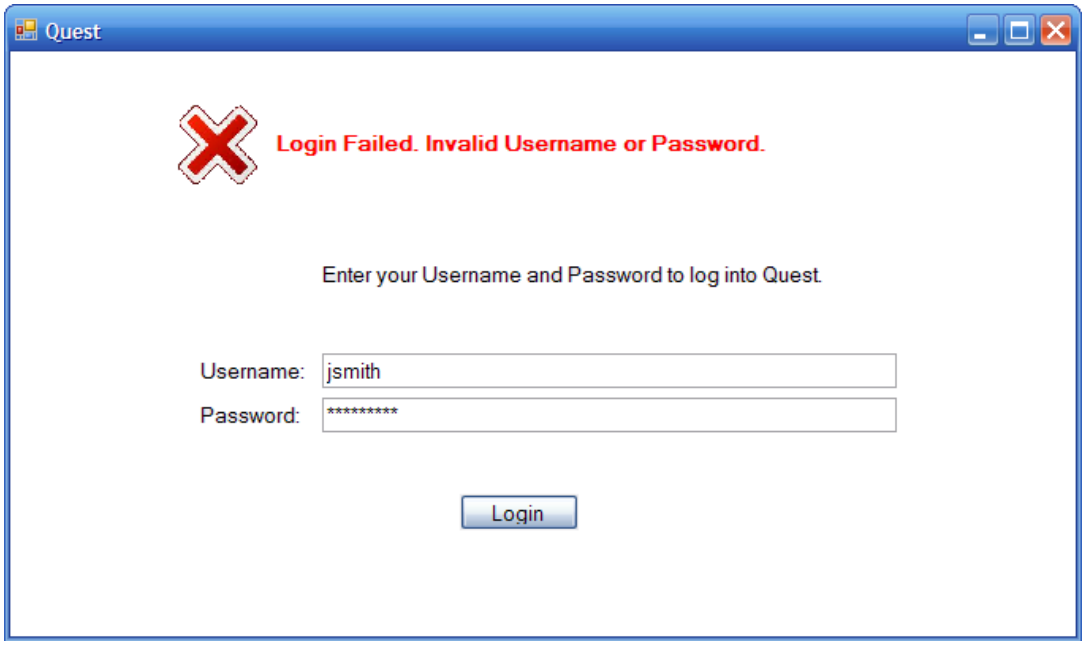

Figure 3.3: Failed Login error screen

3.2: Profile

The Profile area is where the user will view and change public information about himself, and view information about any Service Holds placed upon his account. The Profile area can be access any time from anywhere in Quest by clicking the Profile link in the navigation bar.

Figure 3.4: Main Profile screen

3.2.1: Viewing and Updating Current Profile

The user will view the public information in his profile by clicking the View Profile link from the main Profile screen.

While viewing his profile, the user will update his profile by changing different field values and clicking the Update Profile. Afterwards, the user will be presented with a confirmation screen that the update has been performed.

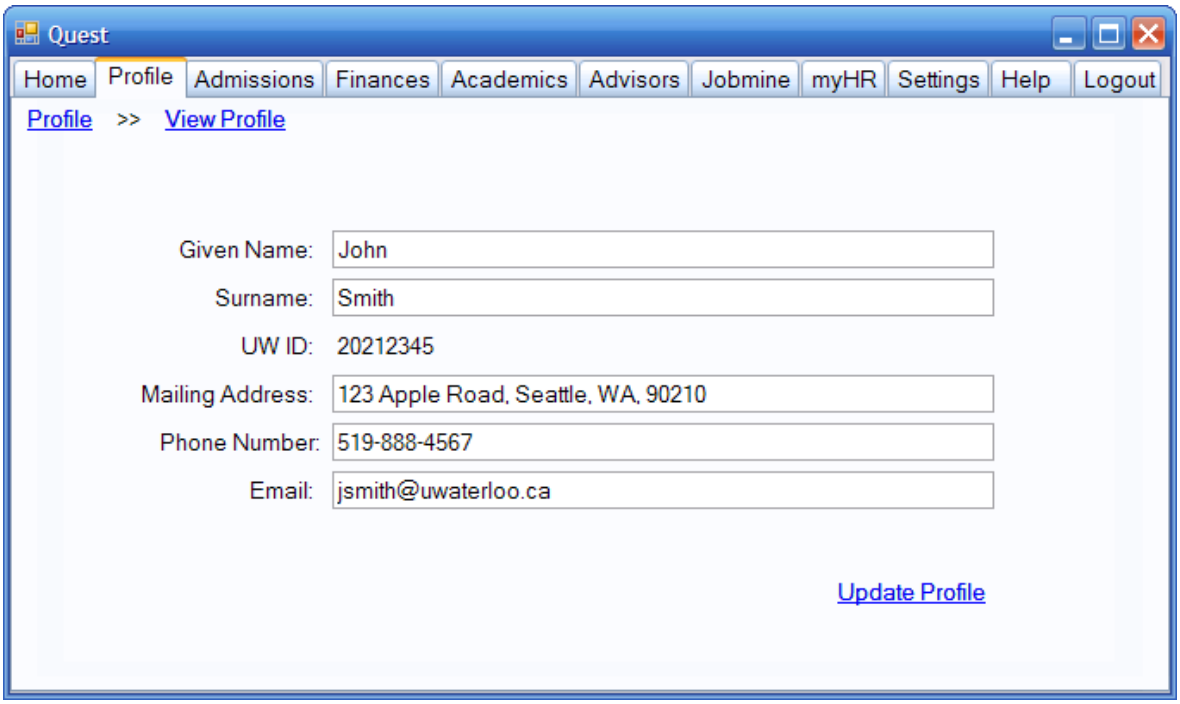

Figure 3.5: View and Update Profile

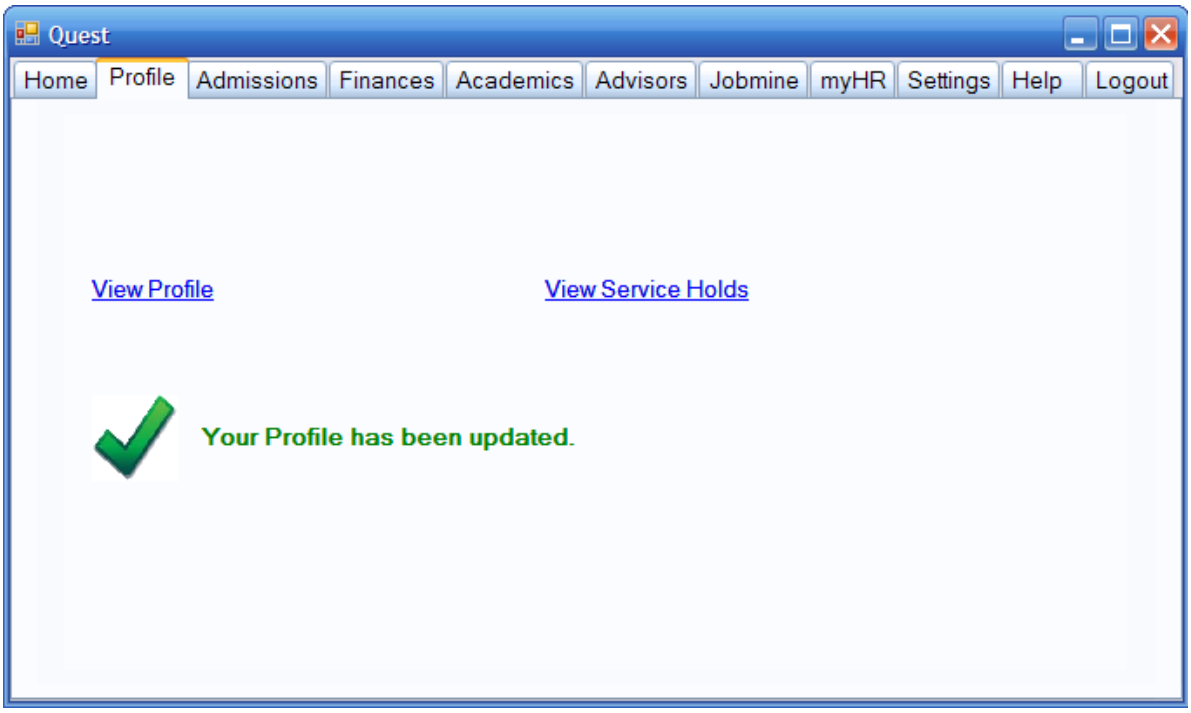

Figure 3.6: Confirmation of Profile Update

3.2.2: Viewing Service Holds

The user will view any service holds that have been placed on his account at any time by clicking View Service Holds from the main Profile screen. Each service hold will include a brief summary and possibly information to resolve the problem.

Figure 3.7: Service Holds screen

3.3: Admissions

The Admissions area is where prospective students can view or accept applications of enrollment to the University of Waterloo. The user will access the Admissions area at any time by clicking the **Admissions** tab in the navigation bar.

The **Admissions** tab is only visible and accessible by applicants with active applications to UW. From the main Admissions screen, the user is able to see a list of active applications.

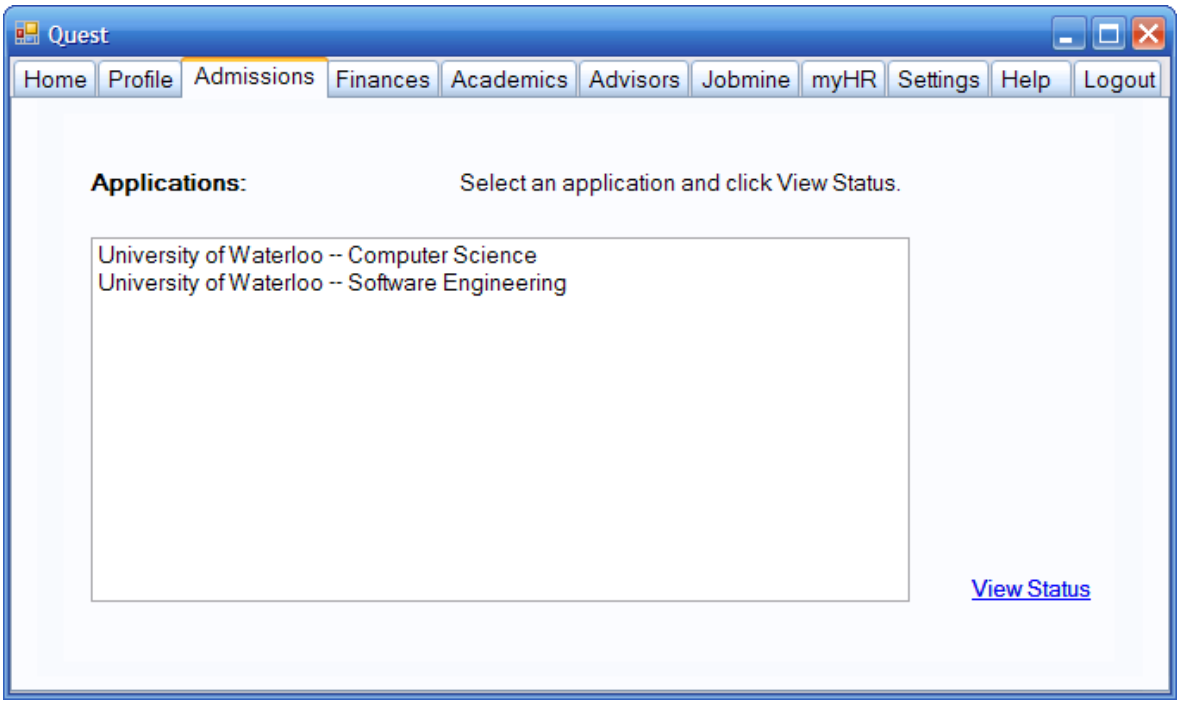

Figure 3.8: Main Admissions screen

3.3.1: Viewing Application Status and Accepting Offer

From the main Admission screen, the user will view the status of one of his applications by selecting the application in question from the list and clicking View Application Status.

While viewing the status of an application, if the application has been processed and awaiting offer acceptance by the user, then the Accept Offer link will be visible. By clicking the Accept Offer link, the user will accept the offer of admission.

If the application has not been accepted by the acceptance due date, then the user will not see the Accept Offer link, but will instead see an error message alerting him that the application has passed the deadline.

Figure 3.9: View Admission Application Status screen with acceptable offer

3.4: Finances

The Finances area contains information regarding term fees and financial aid. The user will access the Finances area at any time by clicking the **Finances** tab in the navigation bar.

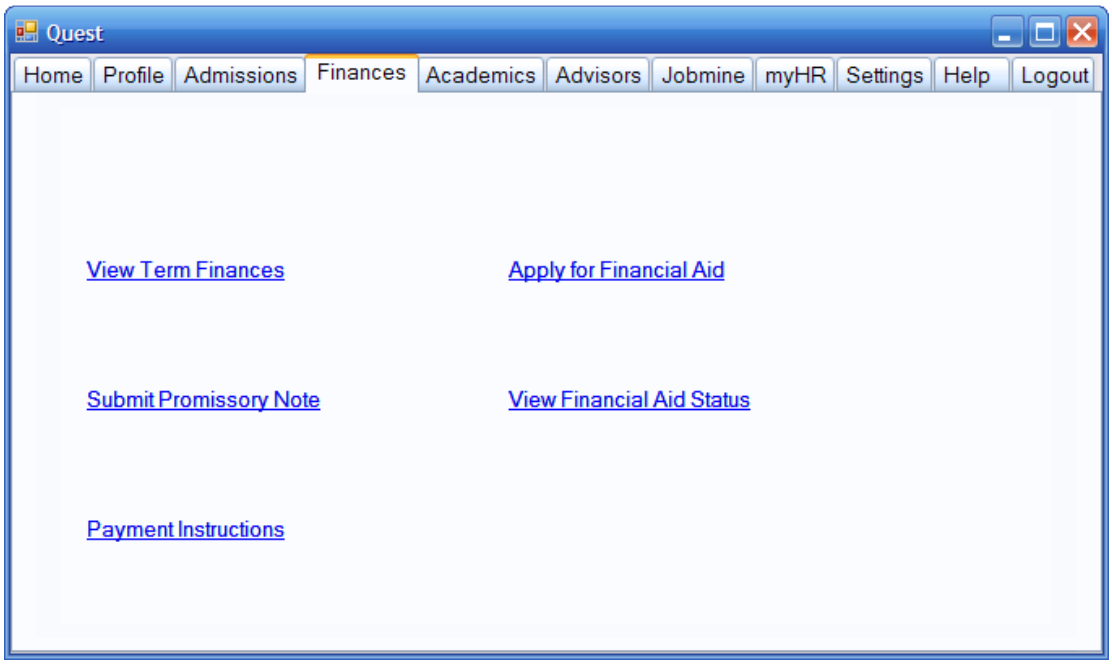

Figure 3.10: Main Finances screen

3.4.1: View Term Finances

The user will view a breakdown of the current and past term's finance summaries and remaining balance owing by clicking the View Term Finances link from the Finances screen, then clicking on the term in question. The user will also e-mail a copy of the detailed bill by clicking the E-mail Bill link while viewing the breakdown of the term's finance costs.

Figure 3.11: Term selection for View Term Finances

Figure 3.12: Breakdown of a specific term finance summary

3.4.2: Promissory Note and Payment Instructions

The user will arrange fees by following instructions to submit a Promissory Note or make fee payments, by clicking the Submit Promissory Note link or Payment Instructions link, respectively. Both links can be found on the main Finances screen.

3.4.3: Applying for Financial Aid

The user will see a list of links to sites where he will apply for financial aid, by clicking the Apply for Financial Aid link on the main Finances screen. By clicking any of the links, the user will be redirected to the corresponding website where he will find more information or apply for financial aid.

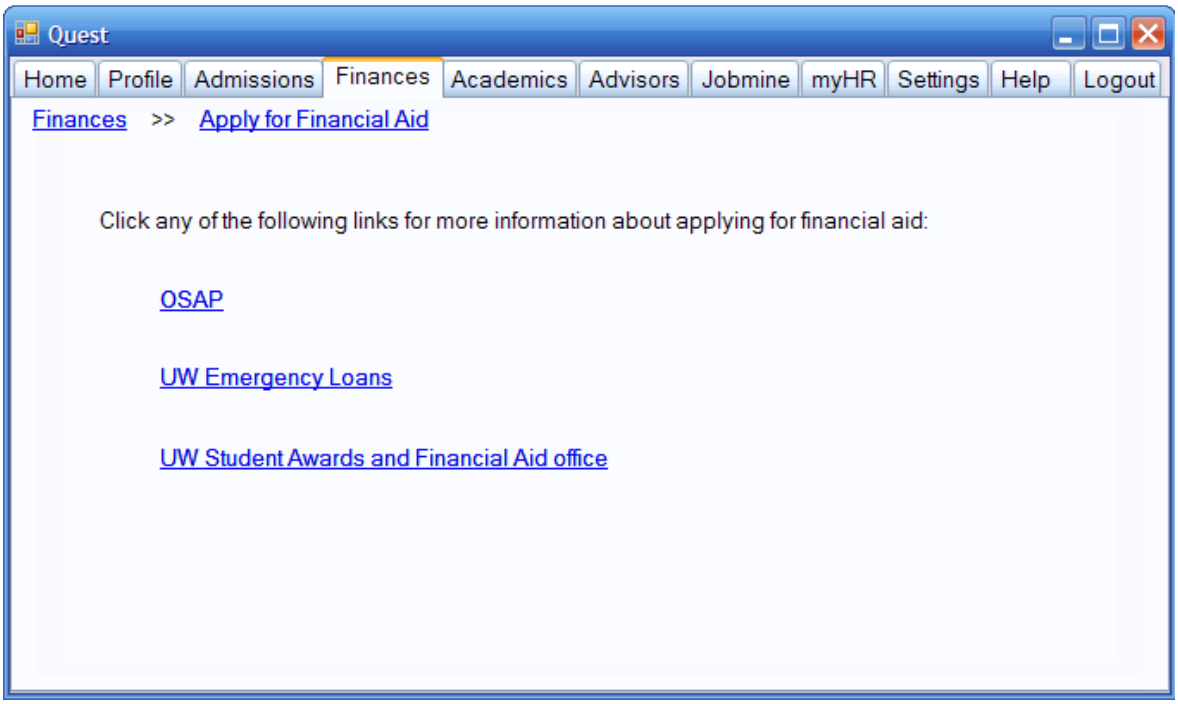

Figure 3.13: Apply for Financial Aid screen

3.4.4: View Financial Aid Status

The user can view a list of active and past financial aid applications by clicking View Financial Aid Status from the Finances Screen. The user will be presented with a list of financial aid applications he has submitted and brief summary of information per application.

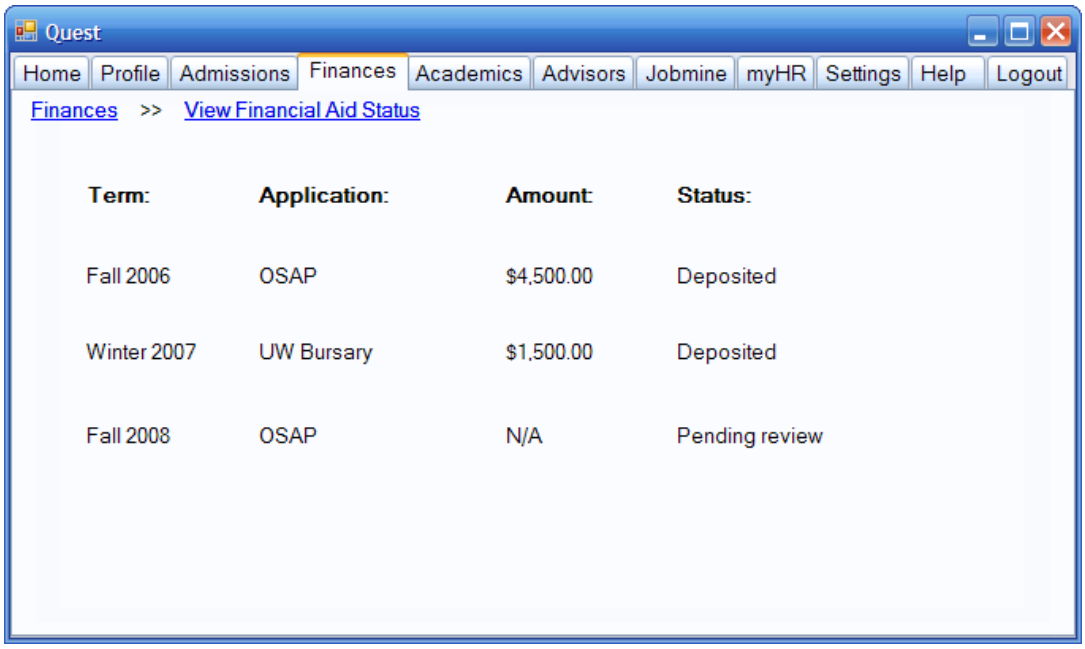

Figure 3.14: View Financial Aid Status screen

3.5: Academics

The user will access the Academics area by clicking the **Academics** tab in the navigation bar. The Academics area allows the user to access information and perform services related to past, present or future terms. The user can also view the University of Waterloo's Course Catalog, view the Diploma Requirements of the user's program, and access a copy of the user's transcript.

Figure 3.15: Main Academics screen

3.5.1: Diploma Requirements

The user will access a detailed listing of the user's diploma requirements by clicking the Diploma Requirements link on the main Academics screen.

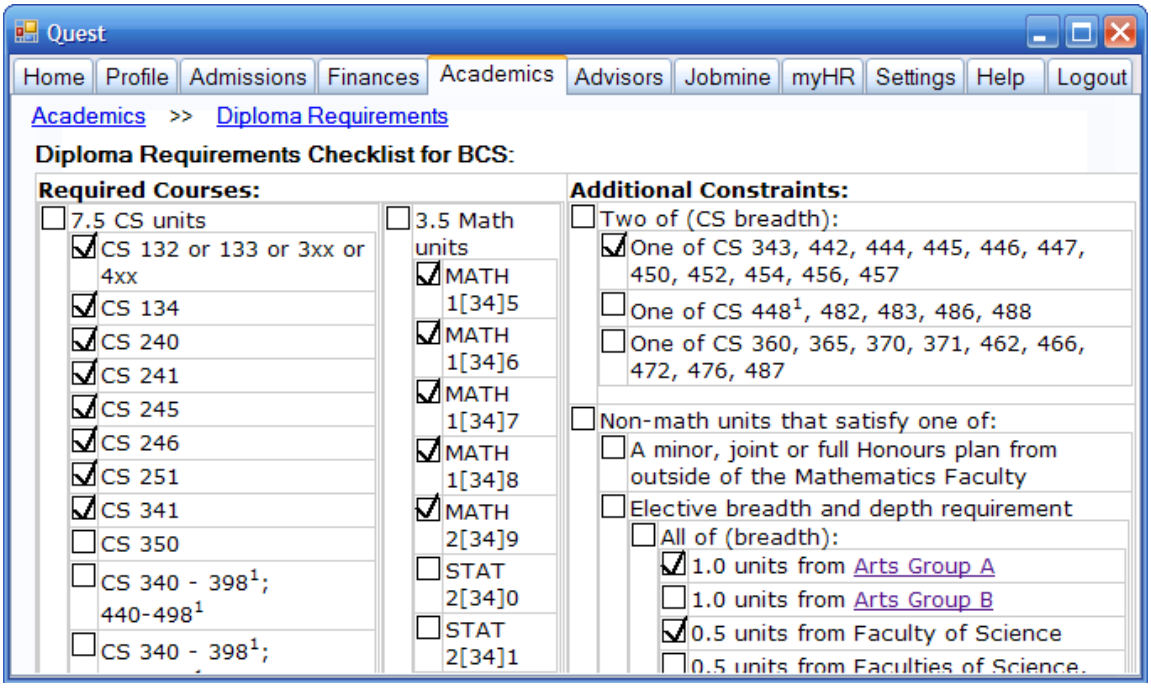

Figure 3.16: Diploma Requirements checklist

3.5.2: Transcript

The user will view an unofficial copy of his transcript online by clicking the View Unofficial Transcript link on the main Academics screen.

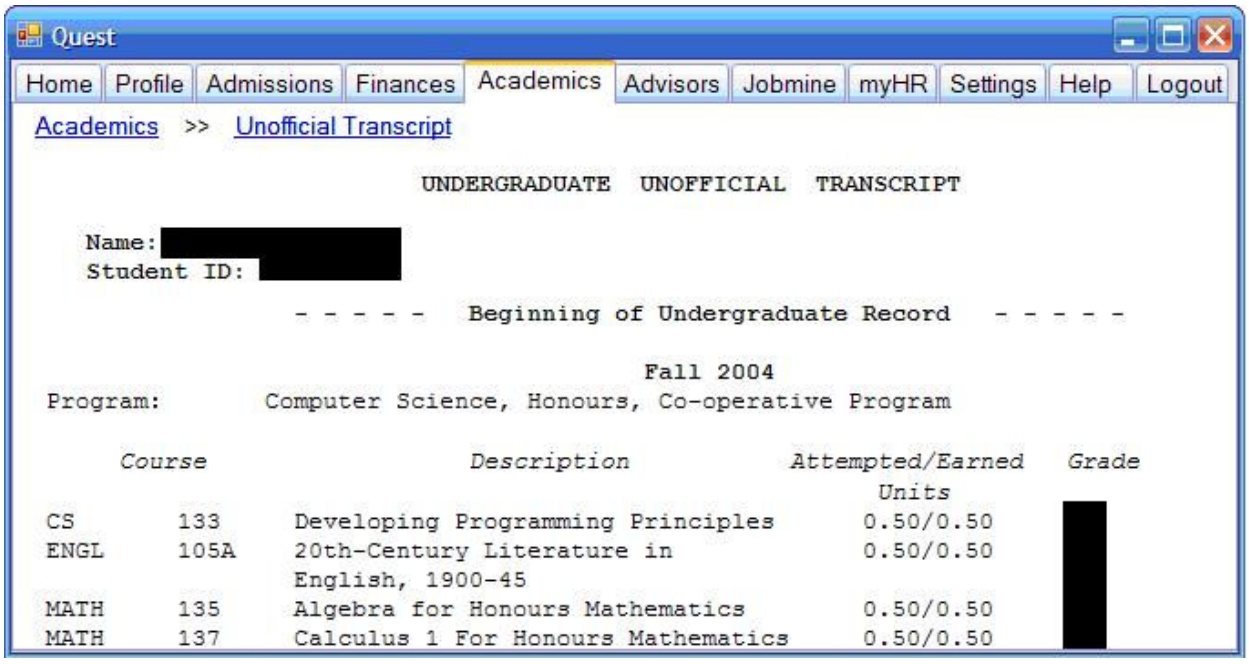

Figure 3.17: Unofficial Transcript screen

The user will request an official copy of his transcript be mailed or faxed by filling out an online copy of a transcript request form, which can be accessed by clicking the Request Official Transcript link on the main Academics screen.

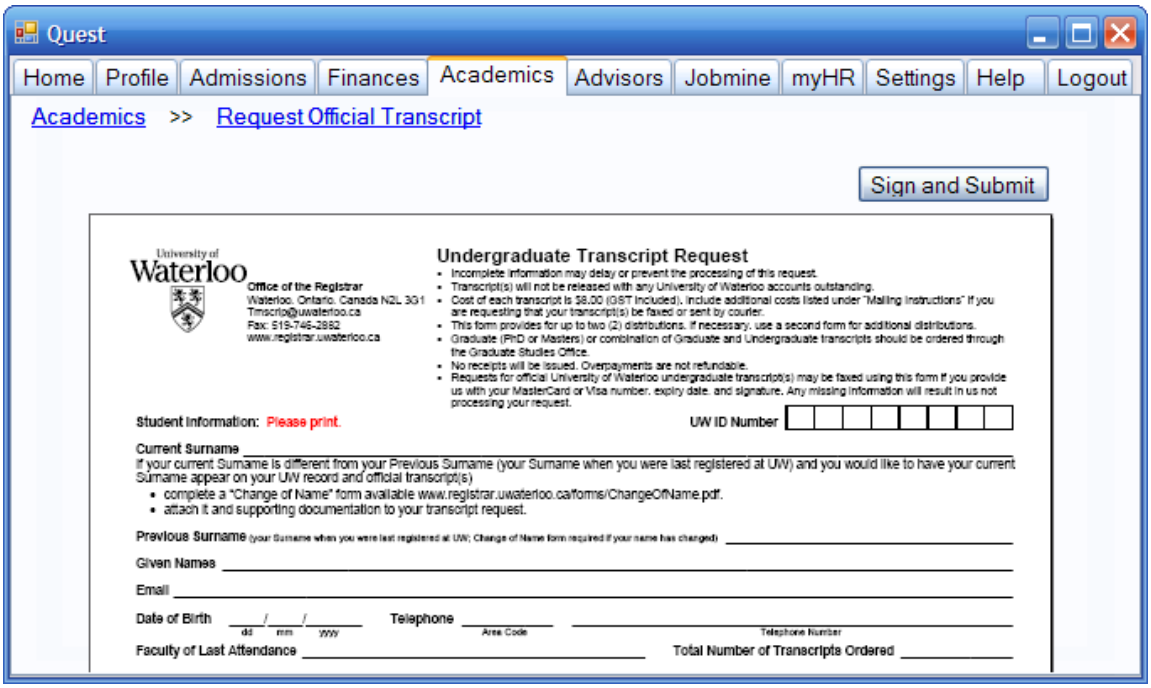
Quest
Home
Profile
Admissions
Finances
Academics
Advisors
Jobmine
myHR
Settings
Help
Logout
Academics >> Request Official Transcript
Sign and Submit
University of Waterloo
Office of the Registrar
Waterloo, Ontario, Canada N2L 3G1
Tmscrip@uwaterloo.ca
Fax: 519-746-2882
www.registrar.uwaterloo.ca
Undergraduate Transcript Request
Incomplete information may delay or prevent the processing of this request.
Transcript(s) will not be released with any University of Waterloo accounts outstanding.
Cost of each transcript is $8.00 (GST included). Include additional costs listed under "Mailing Instructions" if you are requesting that your transcript(s) be faxed or sent by courier.
This form provides for up to two (2) distributions. If necessary, use a second form for additional distributions.
Graduate (PhD or Masters) or combination of Graduate and Undergraduate transcripts should be ordered through the Graduate Studies Office.
No receipts will be issued. Overpayments are not refundable.
Requests for official University of Waterloo undergraduate transcript(s) may be faxed using this form if you provide us with your MasterCard or Visa number, expiry date, and signature. Any missing information will result in us not processing your request.
Student Information: Please print.
UW ID Number
Current Surname
If your current Surname is different from your Previous Surname (your Surname when you were last registered at UW) and you would like to have your current Surname appear on your UW record and official transcript(s)
complete a "Change of Name" form available www.registrar.uwaterloo.ca/forms/ChangeOfName.pdf.
attach it and supporting documentation to your transcript request.
Previous Surname (your Surname when you were last registered at UW; Change of Name form required if your name has changed)
Given Names
Email
Date of Birth dd / mm / yyyy
Telephone Area Code Telephone Number
Faculty of Last Attendance
Total Number of Transcripts Ordered

Figure 3.18: Request Official Transcript form

3.5.3: Course Catalog

The user will access a listing of all courses and descriptions offered by the University of Waterloo, by clicking the Course Catalog link on the main Academics screen. By selecting a program from the *Program* drop-down box, the *Course* drop-down box will auto-populate with all known courses belong to the selected program. By choosing a course from the *Course* drop-down box a link to the official descript in the UW Calendar and an unofficial description of the selected course will be presented.

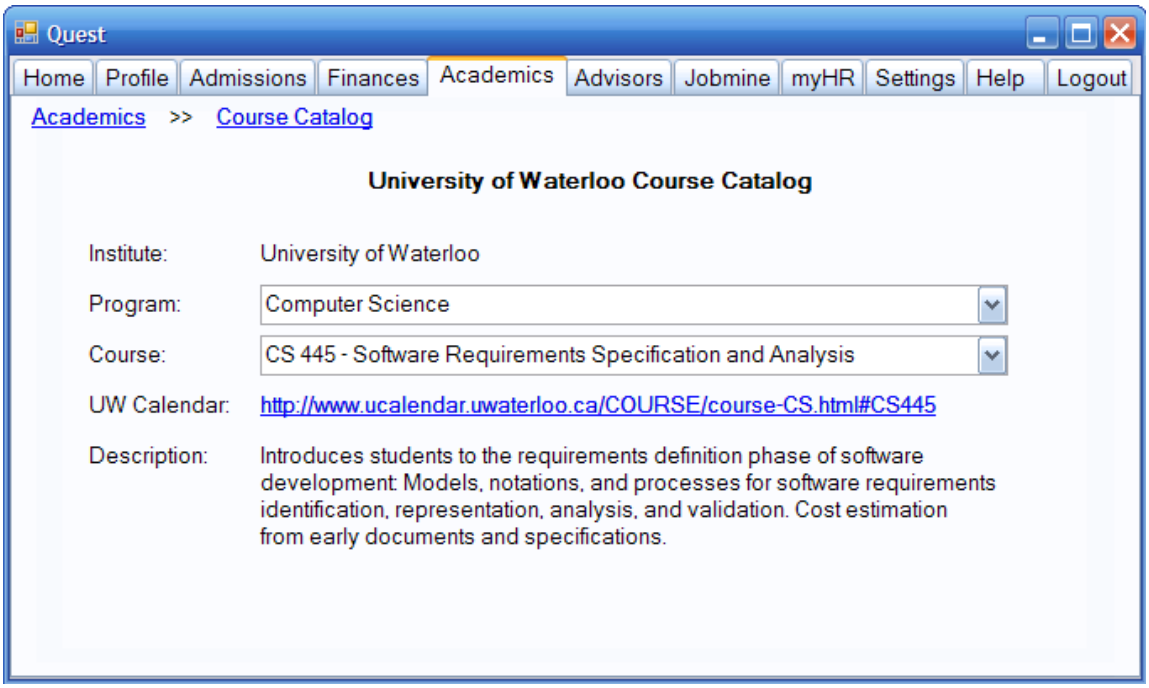

Figure 3.19: Course Catalog search screen

3.5.4: Course Offerings

The Course Offerings search page offers a common interface to search for course offerings in present and future terms, and can accessed in a variety of ways as is shown in Section 3.5.5. The Course Offerings page is typically related to enrolling, pre-enrolling and swapping courses. As each field has a value selected from its drop-down box, the remaining fields below it will auto-populate with corresponding options. Only the *Term* field must have a value selected – if no value is selected the Search button will not perform the search and the user will be presented with an alert informing the user that he must select a term before searching. Once the user has decided on the criteria the user will click the Search button to search for all course offerings that meet the specified criteria. All results will be listed below with a link to an action beside each result. If the user is searching the current or next term, then each result will have either an Enroll, Swap or Add to Waiting List link beside it. If the user is searching a future term then each result will have a Pre-Enroll or Swap link beside it.

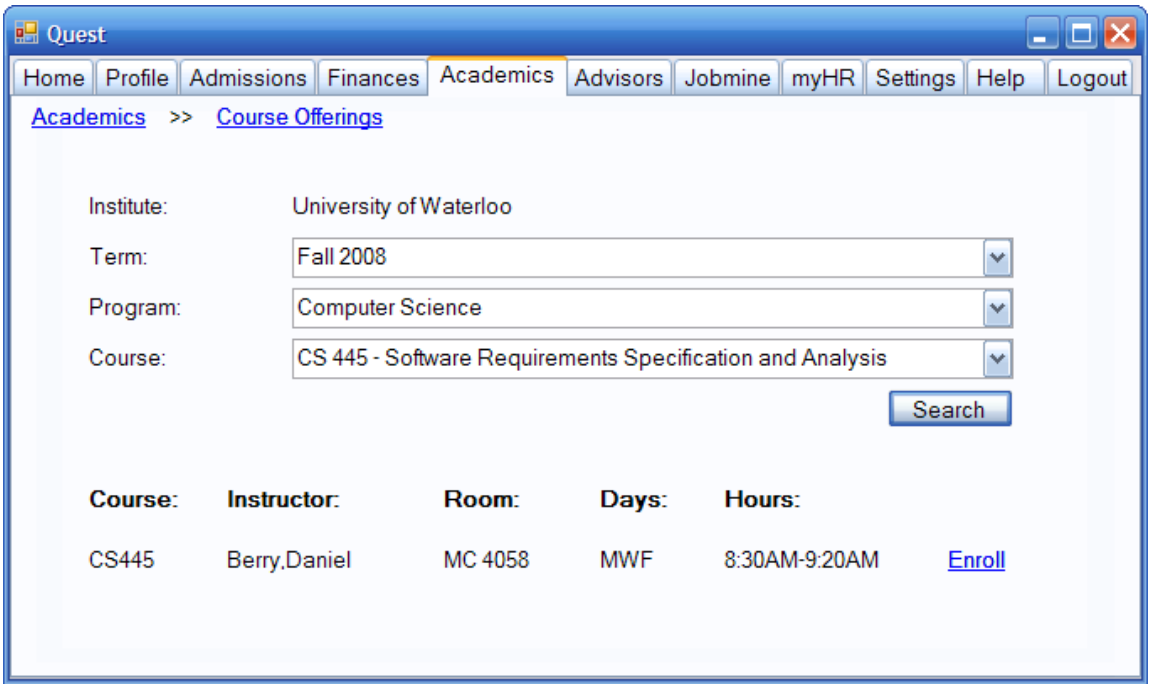

Figure 3.20: Course Offerings for current term

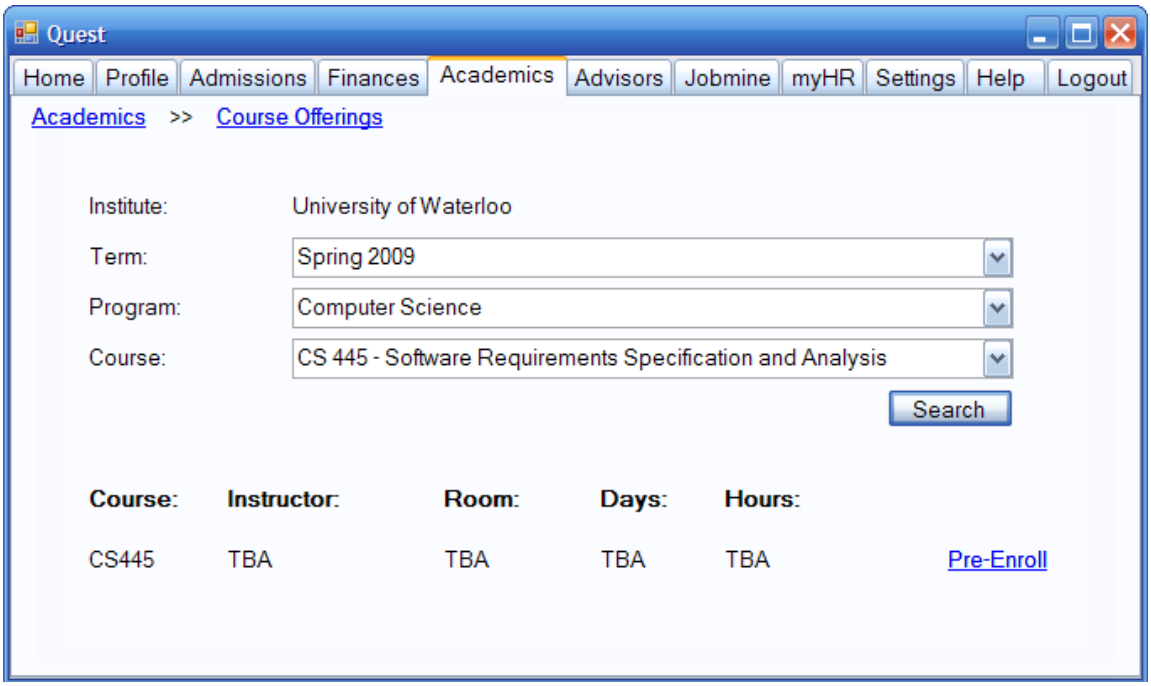

Figure 3.21: Course Offerings for future term

3.5.5: Course Listing

From the main Academics page, the user will access a listing of courses and options relevant to a specific term by selecting a link to the desired term.

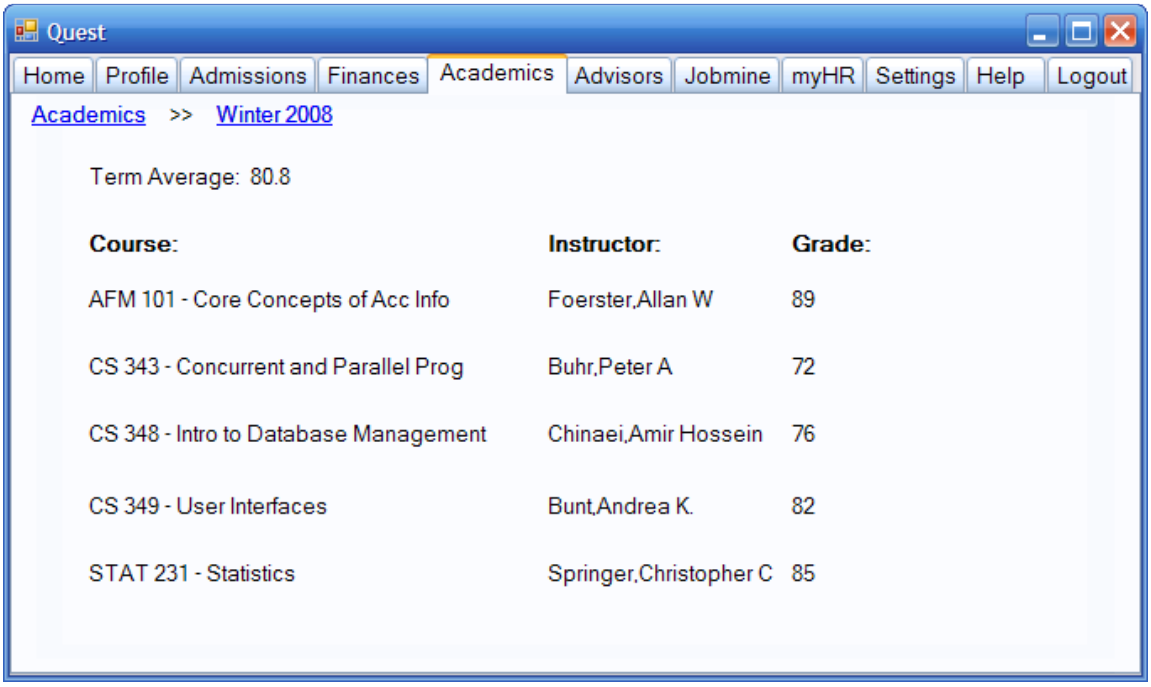

Figure 3.22: Course listing of past term

Each term will present a listing of courses and instructors for the term. If the term is a past term, then the grades of each course and term average will be shown.

If the term is a current or next term, then the user will see addition options including dropping or swapping all enrolled courses, enrolling in a new course, viewing a weekly schedule of enrolled courses and if available, viewing a monthly schedule of course exams.

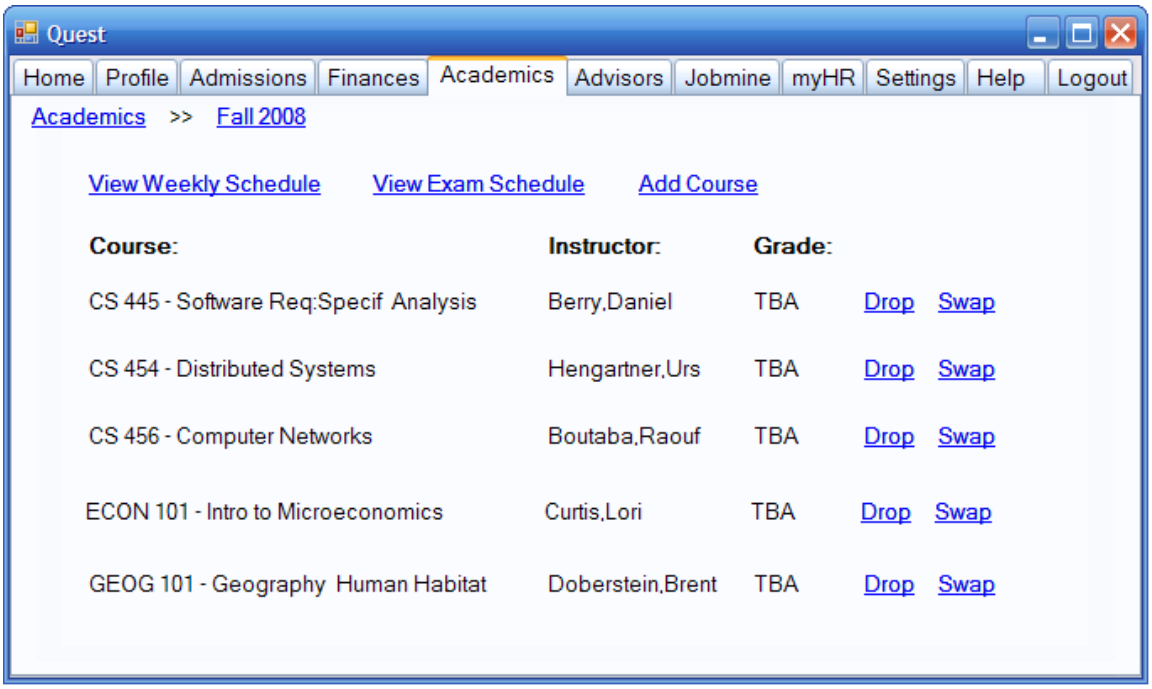

Figure 3.23: Course listing of current term

If the term is a future term and not just the next term, then the user will see the options to drop or swap any course he has pre-enrolled in thus far, and the option to pre-enroll in a future course.

If the user clicks a Drop link, then whichever course the link was belonged to will be dropped, whether a future or current term course. If the user clicks a Swap, Add Future Course or Add Course link, then the user will be presented with the Course Offerings page discussed in Section 3.5.4. From the Course Offering page, the user will search for a course to substitute or append to the term he/she was previously viewing.

The user will add, drop or swap only one course at a time, and if unsuccessful the user will be presented with the Enrollment Failure page detailing why the action failed. The Enrollment Failure page will include a Return link which will return the user to the previous screen - usually the Course Offering screen.

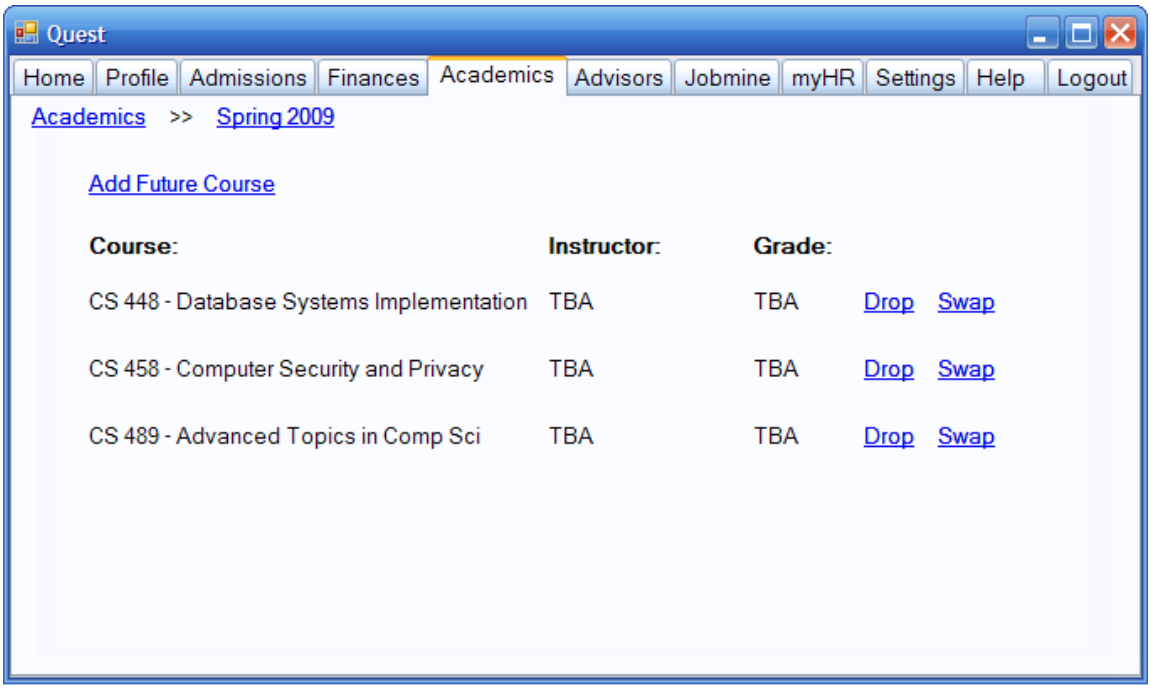

Figure 3.24: Course listing of future term

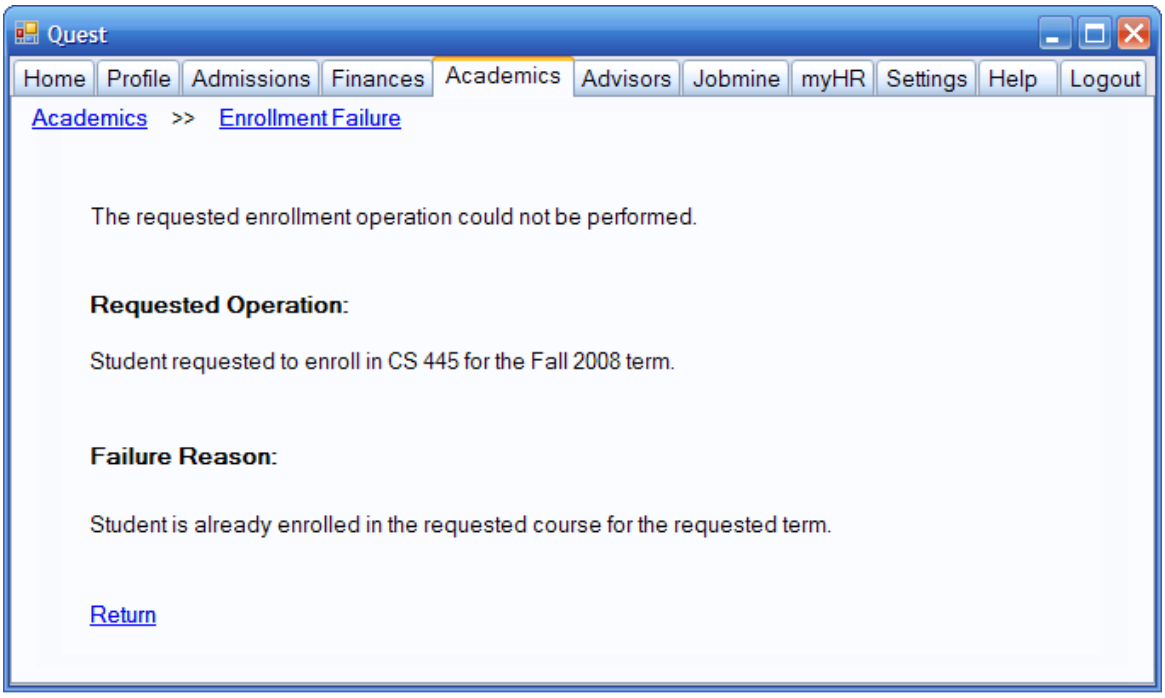

Figure 3.25: Enrollment Failure screen

3.5.6: View Exam Schedule

While viewing the course listing for the current term the user may click the View Exam Schedule link to see a calendar-style presentation of the exams of the courses the user is enrolled in for the current term. If the user has multiple exams at the same date and time, then the conflict will be automatically detected and the Registrar's Office will be notified. If the user has two or more exams back-to-back and wishes to file a conflict, the user may click the Report Exam Conflict link to submit an online Exam Conflict form. If the exam schedule for the term has not been released yet, then the user will only see a notice that the exam schedule is not available and to check back at the appropriate date.

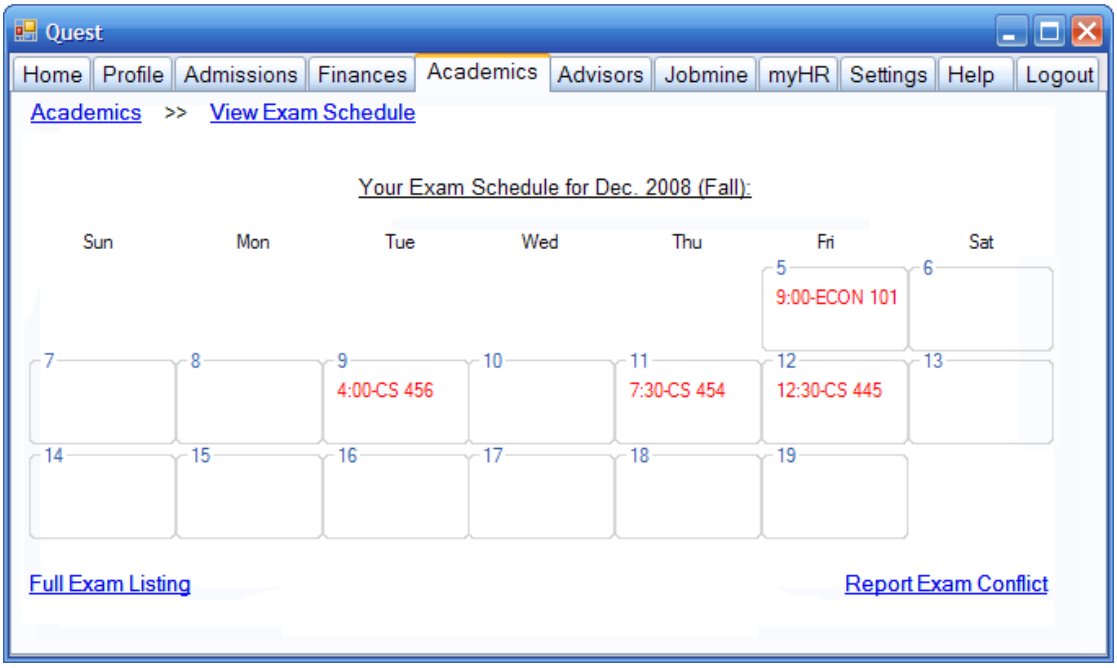

Figure 3.26: Exam schedule

3.6: Advisors

The user will view a list of his advisors and each advisor's contact information by clicking the **Advisors** tab from the main Academics Screen. The **Advisors** tab is only visible and accessible by graduate students who require academic advisors.

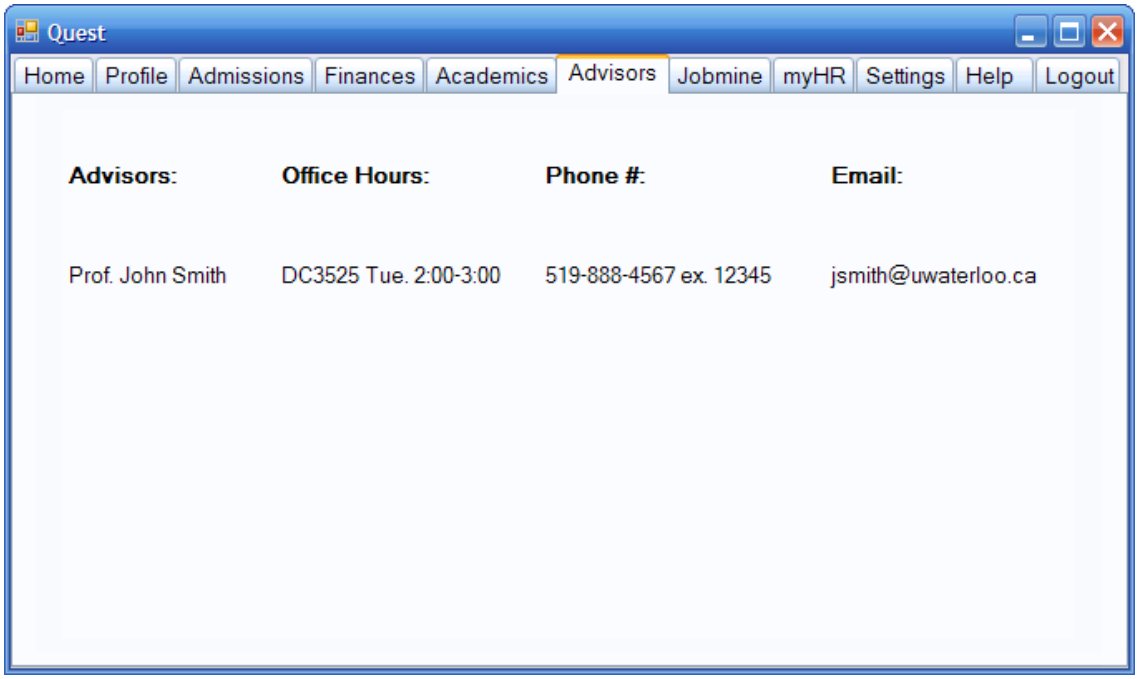

Figure 3.27: Main Advisors screen

3.7: Help and Searching

The user will view a list of Frequently Asked Questions, search help files or contact Quest administrators by going to the Help screen, which can be accessed at any time by clicking the **Help** tab in the navigation bar.

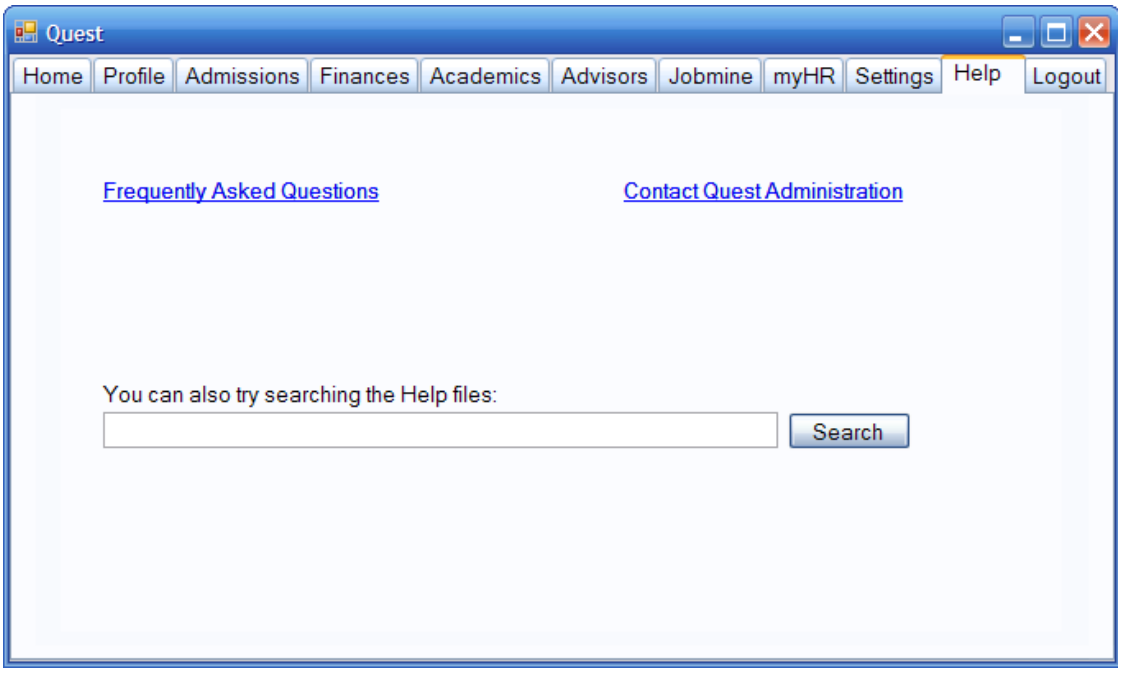

Figure 3.28: Main Help screen

3.8: Logging Out

The user can logout of Quest by clicking the **Logout** tab from the navigation bar. The user will be presented with a confirmation screen. While at the confirmation screen, the user can return to any area of Quest or continue logging out by clicking the Logout button.

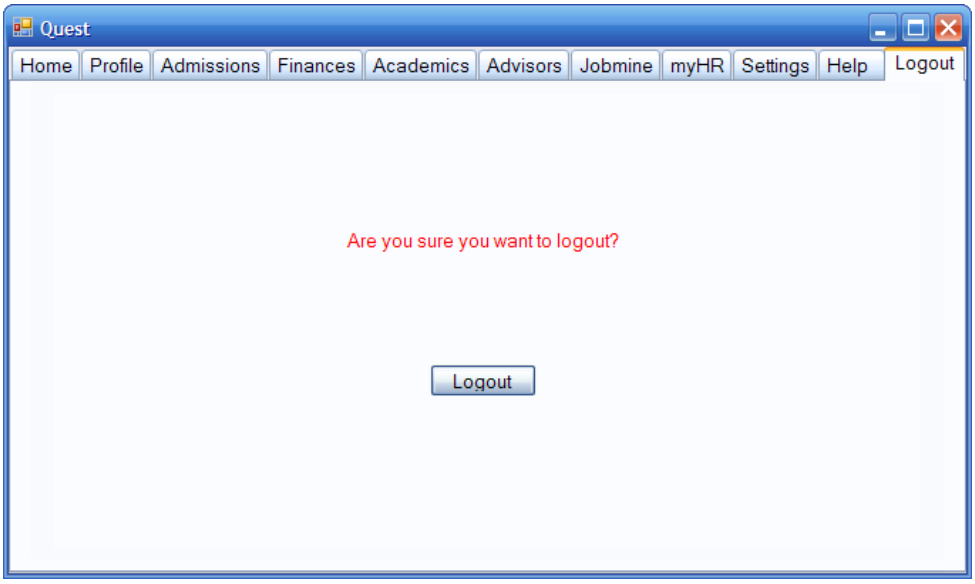

Figure 3.29: Logout confirmation screen

Chapter 4: Advanced Features

4.1: Timeout

The user's Quest session will timeout after a prespecified period of inactivity regardless of which page he is viewing, meaning that he will automatically be logged out. The user then will be presented by the Login screen.

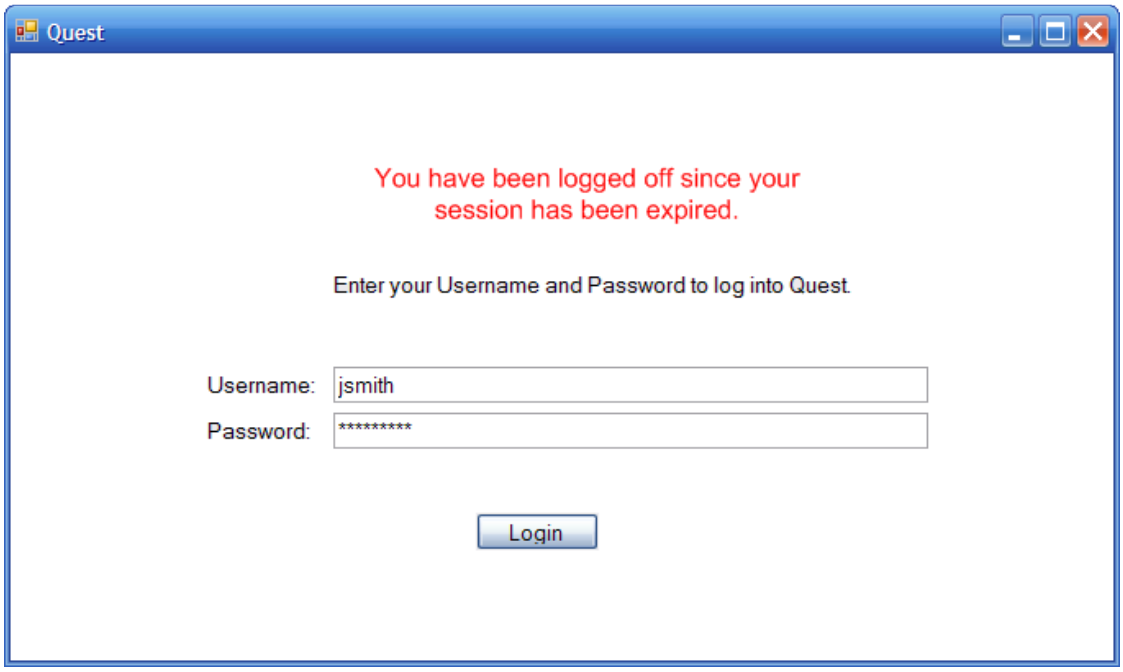

Figure 4.1: Timeout screen

4.2: Settings

The user has access to his settings such as theme selector, font selector and notification e-mail by opening this area.

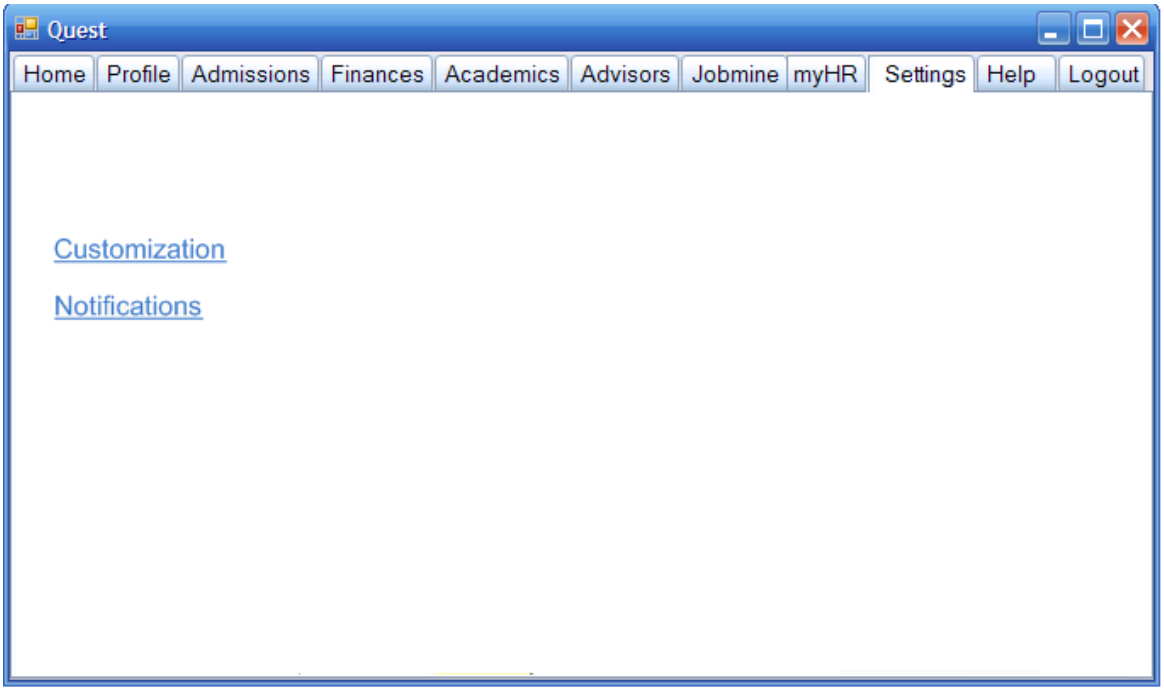

Figure 4.2: Settings screen

4.2.1: Customization

The user can select his desired look and feel of the Quest. He can choose among different predefined themes or simply select the desired type, size and color of font of the screens.

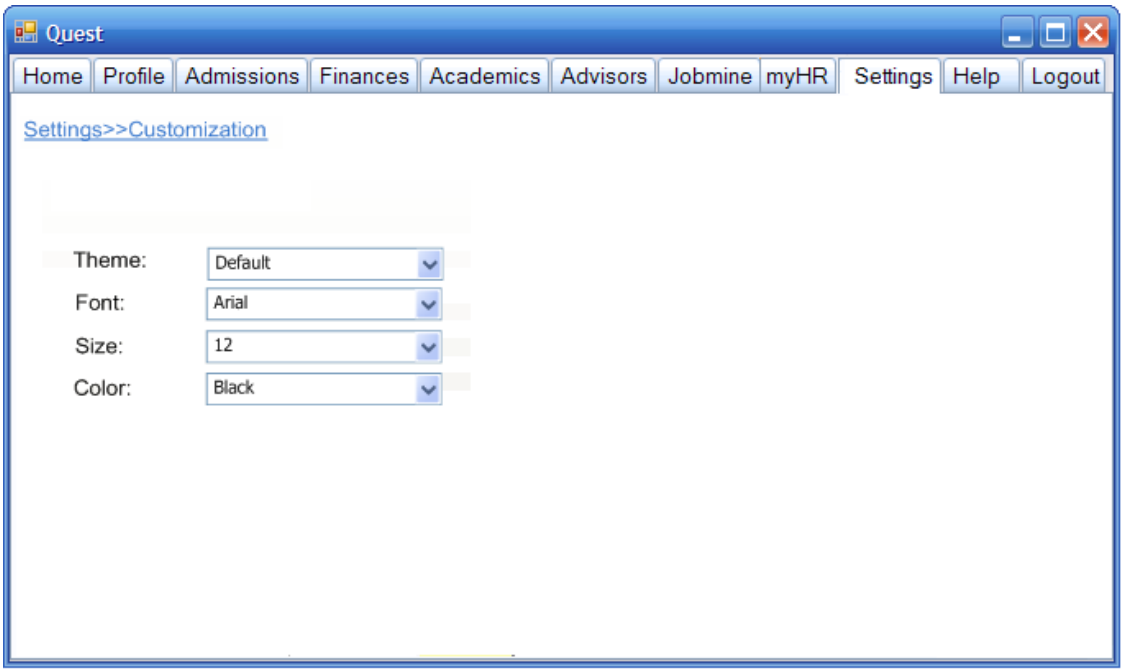

Figure 4.3: Customization screen

4.2.2: Notification E-mail

The user can be notified of his status changes via e-mail. Status changes include the admission application status, service holds status and pre-enrollment status. The user will enter a primary e-mail address and appropriate check boxes to select his desired notifications.

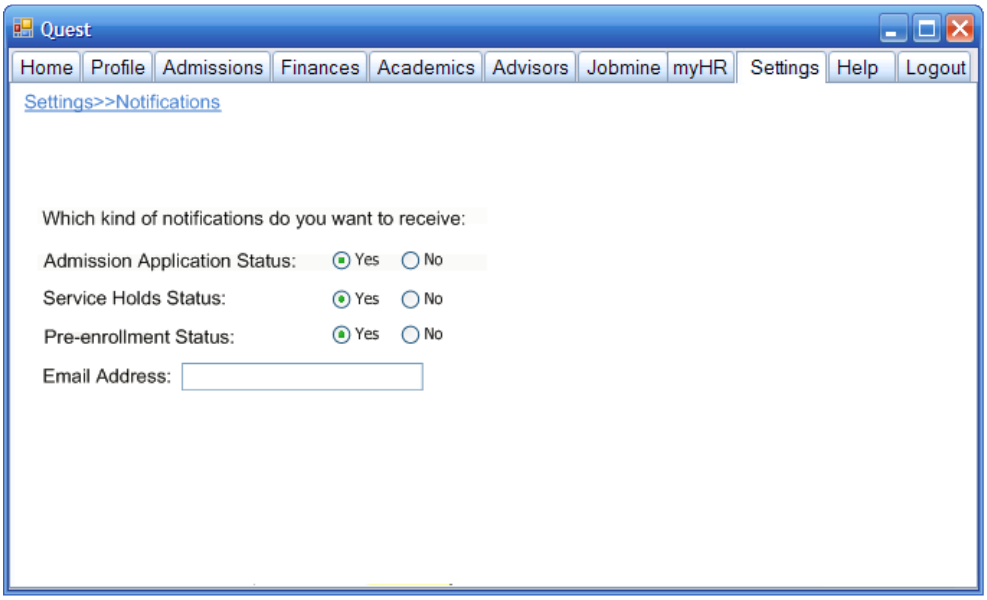

Figure 4.4: Notifications screen

4.3: JobMine

The user is able to view and interact with the JobMine system through Quest.

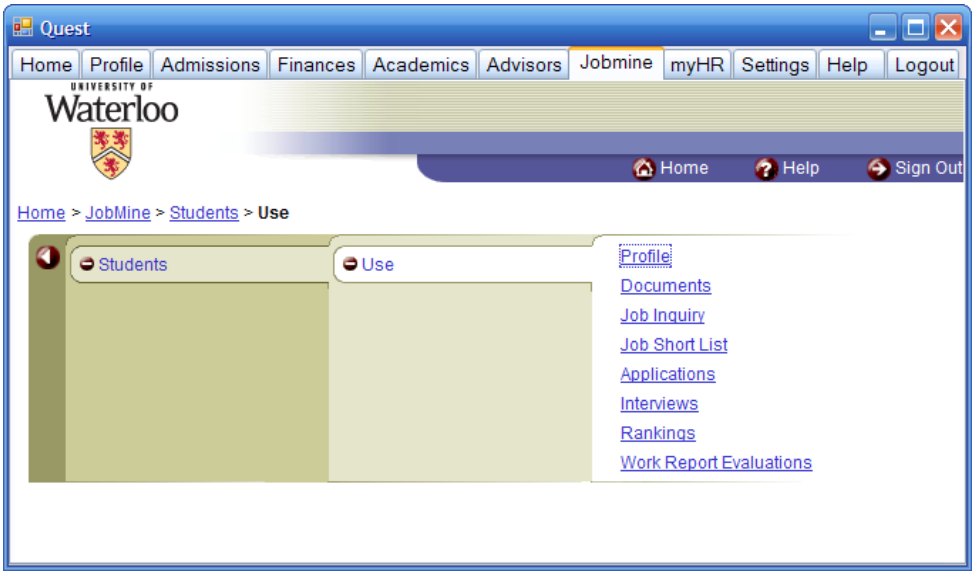

Figure 4.5: JobMine screen

4.4: myHR

The user can view his current and past paycheque information in the myHR area. He can change his personal information which will be printed on his check and his bank account number to which the monthly amount will be deposited. Normally students don't have access to this section unless they have some earnings on campus such as teaching assistantships.

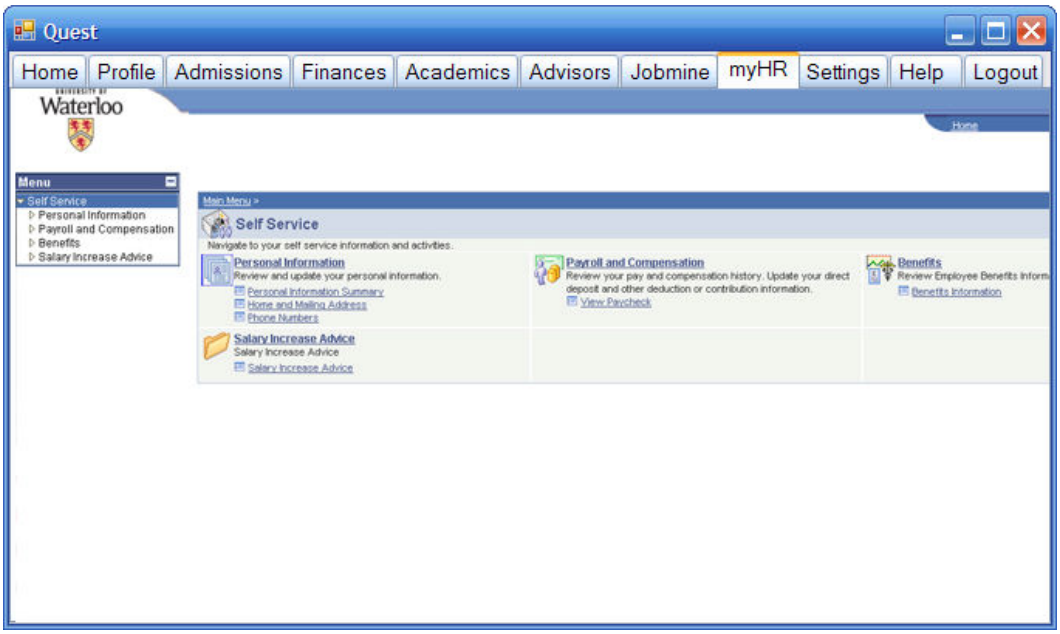

Figure 4.6: myHR screen

Bibliography

[QUEST, 08] Quest Help, http://www.quest.uwaterloo.ca/help/index.html, (Accessed: November 2008).

[WIKIPEDIA, 08a] "Student Information System", available: http://en.wikipedia.org/wiki/Student_information_system, (Accessed: November 2008).

[WIKIPEDIA, 08b] "Human Resource Management System", available: http://en.wikipedia.org/wiki/Human_Resource_Management_Systems,(Accessed: November 2008).